

BOEING REALTY CORPORATION FORMER C-6 FACILITY LOS ANGELES, CALIFORNIA

TECHNICAL MEMORANDUM

Quarterly Report No. 4 Third Quarter 2002

Extended Soil Vapor Extraction Pilot Testing and Interim Action Full-Scale System Implementation

To: Mr. Brian Mossman

Boeing Realty Corporation

3855 Lakewood Blvd.

Building 1A MC D001-0097 Long Beach, CA 90846

From: Haley & Aldrich, Inc.

Date: October 30, 2002

Re: Quarterly Report No. 4, Third Quarter 2002, Extended Soil Vapor Extraction Pilot

Testing and Interim Action Full-Scale System Implementation, Boeing Realty

Corporation, Former C-6 Facility – Parcel C, Los Angeles, California

Haley & Aldrich, Inc. has prepared this technical memorandum to summarize extended soil vapor extraction (SVE) pilot test activities and interim action full-scale system implementation conducted at the former Boeing C-6 Facility (subject property), in Los Angeles, California. Two SVE systems are currently present on the subject property, a interim action full-scale SVE system in the former Building 1/36 area and an extended duration pilot system in the former Building 2 area (Figure 1).

The former Building 1/36 SVE system was not operated during the third quarter of 2002 due to system modification. As a result, no new operational data is presented in this report. The former Building 2 SVE pilot system was operated during the third quarter of 2002 for volatile organic compound (VOC) mass removal. This technical memorandum summarizes system operations, field measurements, vapor sampling and analysis, mass removal, extraction well optimization, and planned future SVE activities.

BACKGROUND

Laboratory results for soil samples collected in the former Building 1/36 and Building 2 areas at the subject property indicated the presence of VOCs at depth requiring remediation to prevent possible impact to groundwater. Based on the results of the investigation, shallow occurrences of impacted soil (less than 12 feet below ground surface) were excavated and disposed of at an approved facility. SVE was recommended for the remediation of deep impacted soil. Haley & Aldrich was contracted by BRC to install and operate two extended SVE pilot tests to obtain data for the evaluation of using SVE as a full-scale remedy. Workplans for the pilot test activities in the

G: Projects/ENV/28997/005/3rdQuarter 2002 Report/Building 1_36 and Building 2 Quarterly #4

Building 1/36 and Building 2 areas were submitted and approved by the Regional Water Quality Control Board, Los Angeles Region (LARWQCB) in May and September 2001, respectively.

Initial pilot testing was completed in the Building 1/36 area in March 2002. A workplan for the implementation of the interim action full-scale SVE system was submitted and approved by the LARWQCB in October 2001. An interim action SVE system was installed in the Building 1/36 area in April 2002, operated for approximately 21 days, and was shut down in June 2002, pending system modifications

FORMER BUILDING 1/36

Site grading began in October 2001 in the vicinity of the SVE pilot test system; therefore all of the initial wells were abandoned. At the end of November 2001, one dual-completion well (1-VEW-24A and B) was re-installed and the pilot test system was re-started on December 13, 2001. An additional forty-one dual and single completion wells (1-VEW-1 through 1-VEW-26) were installed during the month of January 2002 as part of the interim action SVE system implementation. The location of the Building 1/36 SVE system is shown in Figure 1. The well field layout, including well screen depths is shown on Figure 2.

The Building 1/36 interim action SVE system consists of forty-three 3-inch diameter, single and dual-completion, SVE wells, a trailer-mounted, 1,000-standard cubic feet per minute (scfm) blower system, three 8,000-lb granular activated carbon (GAC) vapor control vessels (primary, secondary, and stand-by), and associated piping. Haley & Aldrich began system operation on May 15, 2002.

During the second quarter of 2002, the system operated with an up-time efficiency of approximately 35% and removed a total of approximately 4,196 lbs. of VOCs. On June 7, 2002, the system shut down due to apparent vandalism. The remediation progress prior to system shut down is shown in Figure 3. Exothermic reactions on the GAC beds continued until June 12, when upon discovery, the beds over-heated and were quenched with water. Due to the GAC bed overheating, system damage occurred that required repair prior to re-start. GAC was removed from all three vessels on June 13, 2002 and the system remains off pending corrective measures.

THIRD QUARTER 2002 SVE OPERATION SUMMARY – FORMER BUILDING 1/36

| Days of Operations | 0 |
|---|-------|
| Available Days of Operation | 0 |
| Operational Time (%) | 0 |
| Mass Removed during Period (lbs) | 0 |
| Cumulative Mass Removed (lbs) (July '01-Sept '02) | 9,189 |

OPERATIONS INFORMATION – FORMER BUILDING 1/36

Operational data and VOC mass removal for the SVE system are tabulated and shown graphically in Attachment 1

The system did not operate during this quarter due to system modifications being made to address GAC overheating. The historical system operation is shown in Attachment 1, Graph 1.

The monthly and cumulative mass of VOCs removed by the Building 1/36 system is shown in Attachment 1, Graph 2. Since July 2, 2001 (initial small-scale pilot test start-up) approximately 9,189 lbs. of VOCs have been extracted during approximately 3,873 hours of initial and expanded SVE pilot test operation. Operation of the SVE system is in compliance with the site-specific permit from the South Coast Air Quality Management District

(SCAQMD).

FIELD MEASUREMENTS – FORMER BUILDING 1/36

Historical VOC concentrations were measured with a photo-ionization detector (PID) or flame-ionization detector (FID), calibrated to 100 parts per million by volume (ppmv) hexane, at the undiluted inlet, diluted inlet, between the GAC vessels, and at the exhaust stack. Historical flowrates were measured with a hand-held TSI Veloci-clac Plus hot-wire anemometer or direct reading pitot tube. Additional historical measurements were collected during operation including vacuum readings at each extraction well, pressures at the GAC vessels, and blower exhaust temperature. The field influent VOC concentration measurements, since the new well installation in January 2002, are plotted in Attachment 1, Graph 3.

VAPOR SAMPLING AND ANALYSIS- FORMER BUILDING 1/36

For this period, no vapor samples were collected due to system shut-down. Laboratory results of influent concentrations, since the new well installation in January 2002, are shown in Attachment 1, Table 1. The results of the historical vapor sampling for the system are summarized in Attachment 1, Tables 2 and 3.

EXTRACTION WELL OPTIMIZATION - FORMER BUILDING 1/36

Well optimization was conducted during system start-up. One round of VOC concentrations was measured by FID at each extraction well at various flowrates during this quarter. These data were used to establish the flow regime under which maximum VOC concentrations can be extracted from the wells. Optimization curves for the 41 wells are included in Attachment 1. Extraction wells were operated in May-June (within permit limitations) for approximately one month at flow regimes generating the maximum concentration per flowrate.

ACTIVITIES FOR NEXT QUARTER – FORMER BUILDING 1/36

The SVE system is being retrofitted with a granular activated carbon (GAC) water quench system to control methyl ethyl ketone (MEK) heat generation. Procurement and installation of retrofit features are currently underway. During September, bids were obtained and evaluated for system modification, vessel retrofits, and modification installation. System re-start is currently scheduled for early December, 2002.

A Fourth Quarter 2002 report summarizing activities during the period October 2002 through December 2002 will be prepared and submitted in January 2003.

FORMER BUILDING 2

The Building 2 extended pilot test system consists of seventeen 2-inch diameter, PVC, single and dual-completion SVE wells, a trailer-mounted, 800-actual cubic feet per minute (acfm) blower system, two 3,000-lb GAC vapor control vessels (primary and secondary), and associated piping. Haley & Aldrich installed the initial pilot test wells in September 2001 and began system operation on November 27, 2001. Three additional extraction wells (2-VEW-18 through 2-VEW-20) were installed on August 1, 2002. One additional extraction well (2-VEW-21) was installed near the well currently producing the highest VOC concentrations (2-VEW-1B) on September 23, 2002.

Although 2-VEW-1B contains sustained elevated VOC concentrations, the mass removal rate is less than 1.0 pound per day due to very low flow. It is suspected that the low flow and low mass removal rate is due to the presence of a clay lens in the area.

The location of the Building 2 pilot test is shown in Figure 1. The well field layout, including well screen depths is shown on Figure 4.

Operations for the third quarter 2002 covered the period July 1, 2002 through September 30, 2002. During this period, the system operated with an up-time efficiency of 97% and removed a total of approximately 260 lbs. of VOCs. Three GAC changeouts, 3,000 lbs. each, were completed during this period on July 17, August 28, and September 27, 2002.

THIRD QUARTER 2002 SVE OPERATION SUMMARY – FORMER BUILDING 2

| Days of Operations | 92 |
|---|-------|
| Available Days of Operation | 92 |
| Operational Time (%) | 97 |
| Mass Removed during Period (lbs.) | 260 |
| Cumulative Mass Removed (lbs.) (Nov'01-Sept'02) | 2,867 |

OPERATIONS INFORMATION – FORMER BUILDING 2

Operational data and VOC mass removal for the extended SVE pilot test system are tabulated and shown graphically in Attachment 2. The system operation timeline for the period is as follows:

| • | July 16, 2002 | System shutdown, upon receipt of laboratory data |
|---|--------------------|--|
| • | July 17, 2002 | System shutdown, one GAC vessel was changed out (3,000 lbs), system restarted |
| • | July 23, 2002 | System shutdown, hoses switched and readings taken for clarification on primary vessel, system restarted |
| • | July 26, 2002 | System shutdown, blower oil change, system restarted |
| • | July 30, 2002 | System shutdown, hoses switched back to original position, |
| | | System restarted |
| • | August 1, 2002 | Wells 2-VEW-18, -19, and -20 added to system to enhance |
| | | VOC recovery |
| • | August 27, 2002 | System shutdown |
| • | August 28, 2002 | One GAC vessel was changed out (3,000 lbs), system restarted |
| • | September 21, 2002 | Well 2-VEW-21 was added to the system |
| • | September 27, 2002 | One GAC vessel was changed out (3,000 lbs), system restarted |

Total days of operation for this period was approximately 92 with intermittent downtime due to GAC changeout. This equates to an up-time of approximately 97 percent when compared with the days available for operation as shown in Attachment 2, Graph 4.

During the period, VOC vapors were drawn from 2-VEW-1B, 3B, 4, 6, 7B, 8B, 9, 10A, 10B, 11B, 12, 13B, 14B, 15B, 16B, 18, 19, 20, and 21 at optimized flow rates for maximum concentrations and mass removal rates. Individual optimal SVE well flow rates ranged from approximately 10 to 150 scfm for a total flow rate from the well field of 555 to 640 scfm. Well optimization is discussed further below. The system operated without dilution during the third quarter with inlet vacuums ranging from 53 to 67 inches water column.

For this reporting period, approximately 260 lbs. of VOCs were extracted from the SVE wells and treated with GAC during 2,141 hours of operation. Since November 27, 2001 approximately 2,867 lbs. of VOCs have been extracted during approximately 6,775 hours of operation.

AIR PERMIT COMPLIANE ISSUES

The compounds 1,1- Dichloroethene (1,1-DCE) and Chloroform were detected in an exhaust sample collected on August 15, 2002 in concentrations of 2.6 parts per million by volume (ppmv) and 0.86 ppmv, respectively. The allowable concentrations for 1,1-DCE and Chloroform as defined by Condition 12 of permit A/N 401433 were 0.005 ppmv and 0.04 ppmv, respectively. The SVE system was shut down after the analytical results were received and fresh activated carbon was placed in the primary vessel in compliance with Condition 13.

A maximum individual cancer risk (MICR) calculation was performed as outlined by Condition 15 of permit A/N 401433. The results of this calculation, reported in the Toxic Risk Assessment for Building 2 SVE Extended Pilot Test System (Haley & Aldrich, 2002), indicate that the total MICR for all pollutants detected in the August 15, 2002 exhaust samples is 1.08E-06 (or approximately 1 in one million). This value was calculated for a worker approximately 25 meters away from the system. The calculated MICR for the nearest residential receptor is 6.55E-08 (or approximately 0.07 in one million). This value was calculated for a residential receptor at 500 meters. Both of these numbers are less than the SCAQMD specified toxic risk of ten in a million, therefore system shut down and re-permitting was not necessary.

FIELD MEASUREMENTS - FORMER BUILDING 2

VOC concentrations were measured with a PID and/or FID, calibrated to 100 ppmv hexane, as per the SCAQMD permit requirements, at the undiluted inlet, diluted inlet, between the GAC vessels, and at the exhaust stack. Flowrates were measured with a hand-held TSI Veloci-calc Plus hot-wire anemometer or by measuring the pressure differential across an orifice plate. Additional measurements were collected during operation including vacuum readings at each extraction well, pressures at the GAC vessels, and blower exhaust temperature. The field influent VOC measurements are plotted in Attachment 2, Graph 5.

VAPOR SAMPLING AND ANALYSIS – FORMER BUILDING 2

For this period, twelve vapor samples were collected in Tedlar bags from the process air stream (inlet to primary GAC vessel and exhaust from the secondary GAC vessel) and delivered to a state-certified laboratory for analysis. These samples were collected for SCAQMD permit compliance as well as system performance evaluation. The vapor samples were collected using a Tedlar bag in a vacuum case. Laboratory analyses were conducted on vapor grab samples using EPA Method 8260B/TO-14A. The full results of the vapor sampling are summarized in Attachment 2, Tables 4, 5, and 6.

Based on the results of the laboratory analysis of vapor grab samples, maximum inlet VOC concentrations as parts per billion by volume (ppbv) for the period are as follows:

| • | Trichloroethene (TCE) | 4,900 ppbv |
|---|------------------------------|------------|
| • | 1,1 Dichloroethene (1,1 DCE) | 830 ppbv |
| • | Chloroform | 760 ppbv |
| • | Toluene | 220 ppbv |
| • | Tetrachloroethene (PCE) | 180 ppbv |
| • | Xylene | 83 ppbv |
| • | Trichloroethane (1,1,1 TCA) | 75 ppbv |
| • | Methyl Tert-Butyl Ether | 65 ppbv |
| • | Benzene | 33 ppbv |
| • | Carbon tetrachloride | 27 ppbv |

| • | Cis-1,2 Dichloroethene (cis-1,2-DCE) | 25 ppbv |
|---|--------------------------------------|---------|
| • | 1,1 Dichloroethane (1,1-DCA) | 24 ppbv |
| • | Trichlorofluoromethane | 21 ppbv |
| • | Ethylbenzene | 20 ppbv |
| • | Methylene Chloride | 12 ppbv |
| • | Dichlorodifluoromethane | 9 ppbv |

Reported influent concentrations varied during the period due to system optimization efforts.

EXTRACTION WELL OPTIMIZATION - FORMER BUILDING 2

Data collection and adjustment of extraction well flow rates began in November 2001. Well optimization continued during the third quarter of 2002 for new wells that were completed and brought on-line. One round of VOC concentrations was measured at each new extraction well by PID at various flowrates during this quarter. Well flow versus concentration optimization curves are included in Attachment 2. These data were used to establish the flow regime under which maximum VOC concentrations can be extracted from the wells. Nineteen extraction wells exhibiting higher VOC concentrations were operated in July through September (within permit limitations) at flow regimes generating the maximum concentration per flowrate. Wells exhibiting lower concentrations, which do not significantly contribute to mass removal, were closed so that the available SVE system flow capacity could be used for the higher concentration wells. Well optimization curves for each of the wells completed during the third quarter were plotted and are included in Attachment 2. Figure 5 illustrates the remediation progress since November 2001.

ESTIMATED SVE OPERATION DURATION - FORMER BUILDING 2

To predict the asymptotic VOC concentrations and identify the time at which continued operation becomes impractical, a regression analysis of available data was performed and refined. Tabulated calculations for the regression analysis are presented in Attachment 2, Table 7.

Undiluted influent vapor concentration data was used in the regression analysis to estimate the remaining period of operation for the Building 2 SVE system, based on concentration targets. The analysis was conducted according to the following regression equation:

An average rate constant (k) for the group was calculated as follows:

$$C_t = C_o e^{(-kt)}$$

Where:

 C_t = concentration (ppmV) at time t (days)

 C_o = initial regressed concentration (ppmV)

Based on data collected through the end of September 2002, a 90% reduction in the initial regressed influent concentrations occurred in April 2002 (Graph 7). A 99% reduction in the initial regressed well concentrations was recorded in July and August 2002.

EXTENDED PILOT TEST PERFORMANCE VERIFICATION SOIL SAMPLING – FORMER BUILDING 2

In August and September 2002, Haley & Aldrich collected soil samples in the vicinity of selected previous Building 2 soil characterization sampling locations within the SVE wellfield to evaluate in-situ soil concentration reductions. Samples were collected from borings advanced with hollow-stem auger drilling equipment and submitted to a State-certified analytical laboratory for analysis by EPA Method 8260B in accordance with draft standard operating procedures for SVE closure monitoring (Hargis, 2002). Concentrations of TCE detected in confirmation samples were compared with pre-remediation concentrations to evaluate the effectiveness of the extended pilot test SVE system as illustrated in Figure 6. A summary of the analytical results for TCE in pre-pilot test Building 2 soil borings and recent soil sampling locations are shown in Attachment 2, Table 8. The certified analytical reports and boring logs will be included in the Building 2 Deep Soil Remediation Final Report.

Based on the results of the laboratory analyses of soil samples collected from pilot test confirmation borings near the above locations, TCE concentrations ranged from non-detectable to 380 ug/kg. The observed concentration reduction was approximately 98% or greater in most cases demonstrating the effectiveness of SVE operation.

Four of the six borings advanced were converted to vapor extraction wells (2-VEW-18 through 2-VEW-21) to increase subsurface airflow around SVE wells with elevated VOC concentrations.

ACTIVITIES FOR NEXT QUARTER - FORMER BUILDING 2

The extended SVE pilot test will continue operation on SVE wells selected to maximize mass removal. GAC changeouts will be conducted as necessary. Rebound monitoring on eastern wells (2-VEW-9 through 15, 18 and 19) will be initiated in accordance with the draft standard operating procedures for SVE closure monitoring (Hargis, 2002). Rebound monitoring on the western wells will begin once the wellhead concentrations become asymptotic and no significant contribution to mass removal is observed.

A Fourth Quarter 2002 report summarizing activities during the period October 2002 through December 2002 will be prepared and submitted to BRC in January 2002.

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours, HALEY & ALDRICH, INC.

Richard M. Farson, PE Senior Engineer

Scott P. Zachary Project Manager

Enclosures:

Figure 1 – SVE System Locations Building 1/36 and Building 2

Figure 2 – Building 1/36 SVE Well Field Layout

Figure 3 – Building 1/36 SVE Well Head VOC Concentration Contours

Figure 4 – Building 2 SVE Well Field Layout

Figure 5-Building 2 SVE Wellhead VOC Concentration Contours

Figure 6 - Pre SVE and August/September 2002 Soil Sampling Locations and Results

Attachment 1 – Building 1/36 SVE Operational Data

Attachment 2 - Building 2 SVE Operational Data

cc: John Scott, Boeing

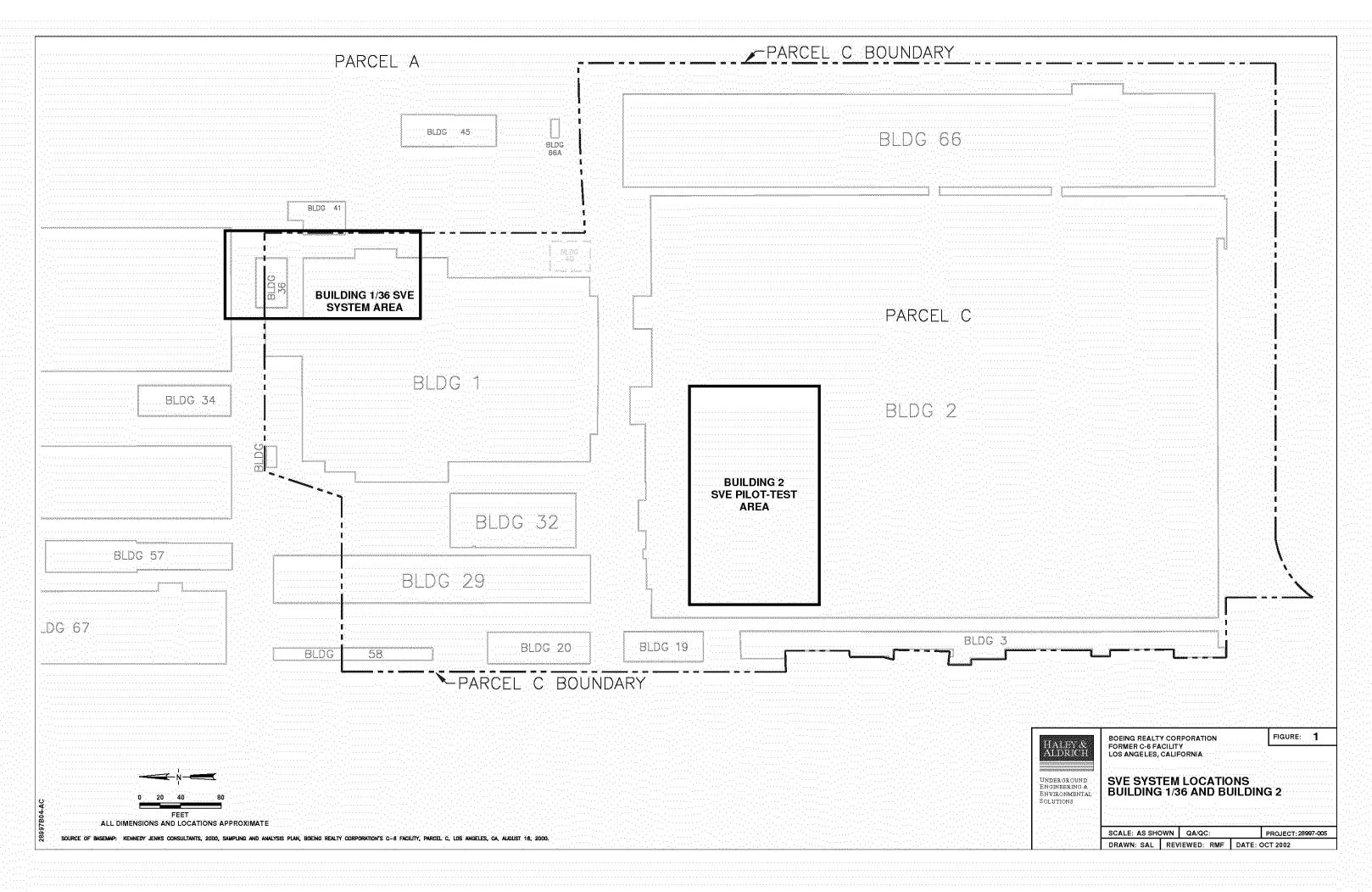
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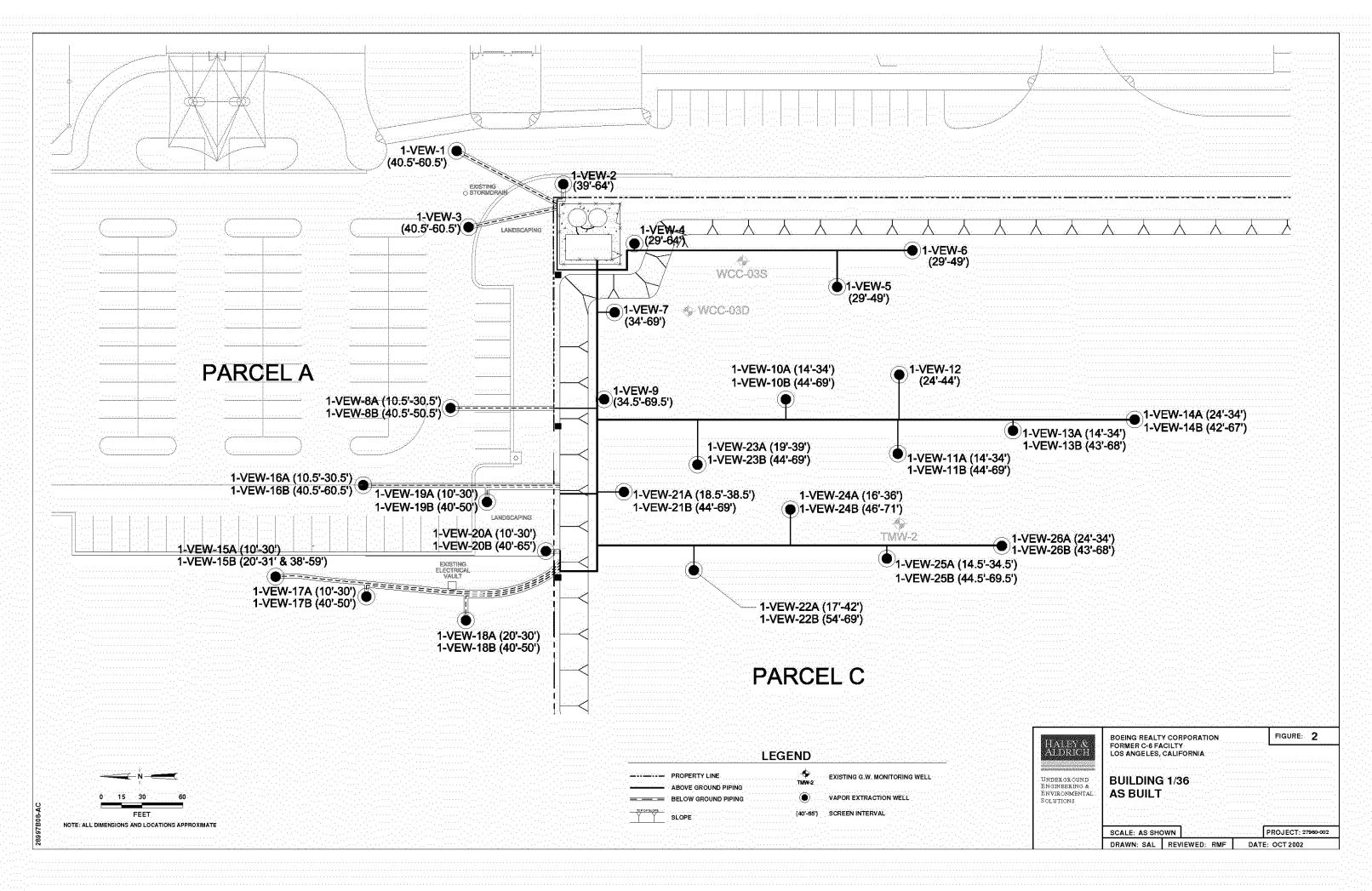
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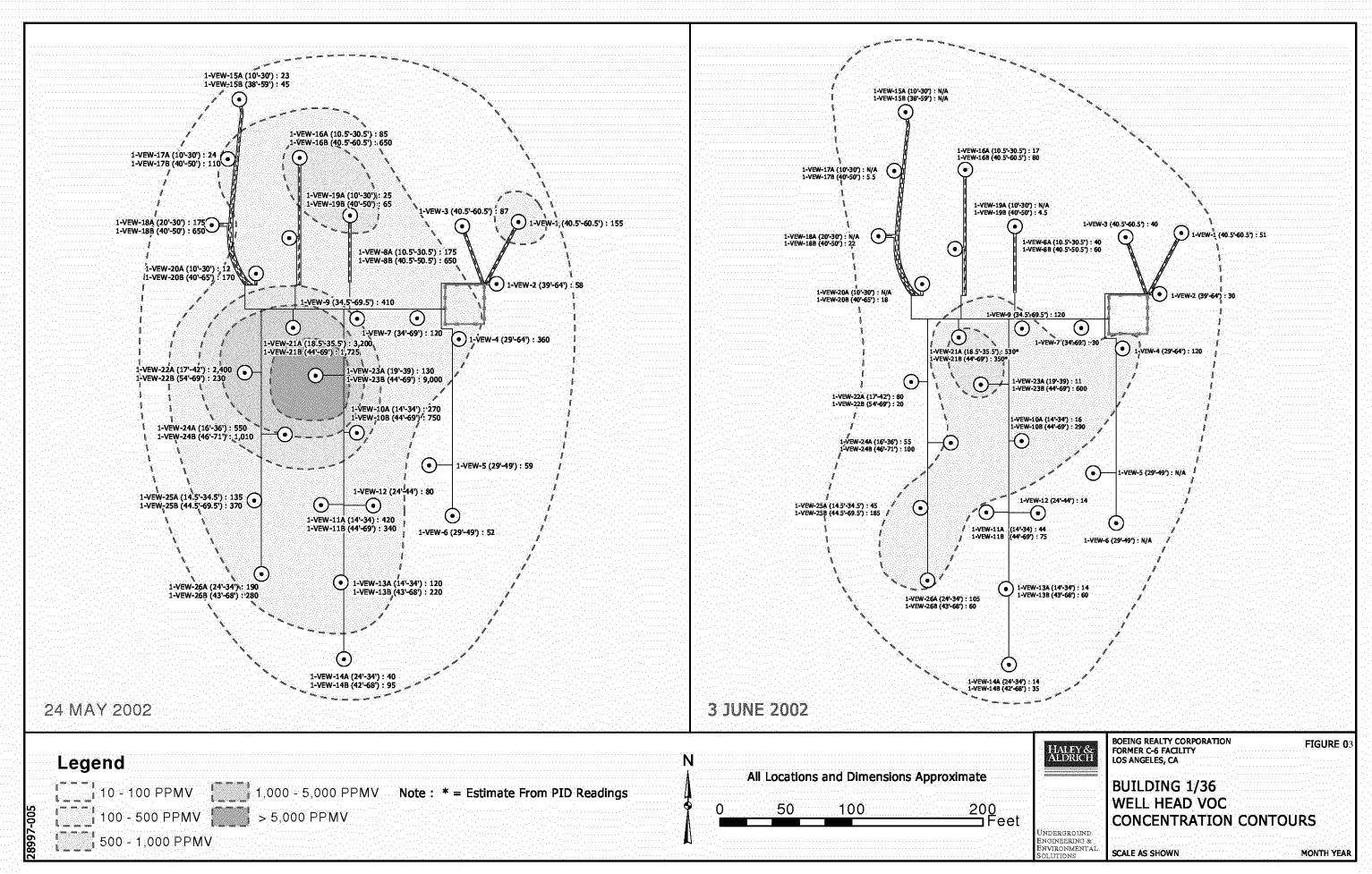
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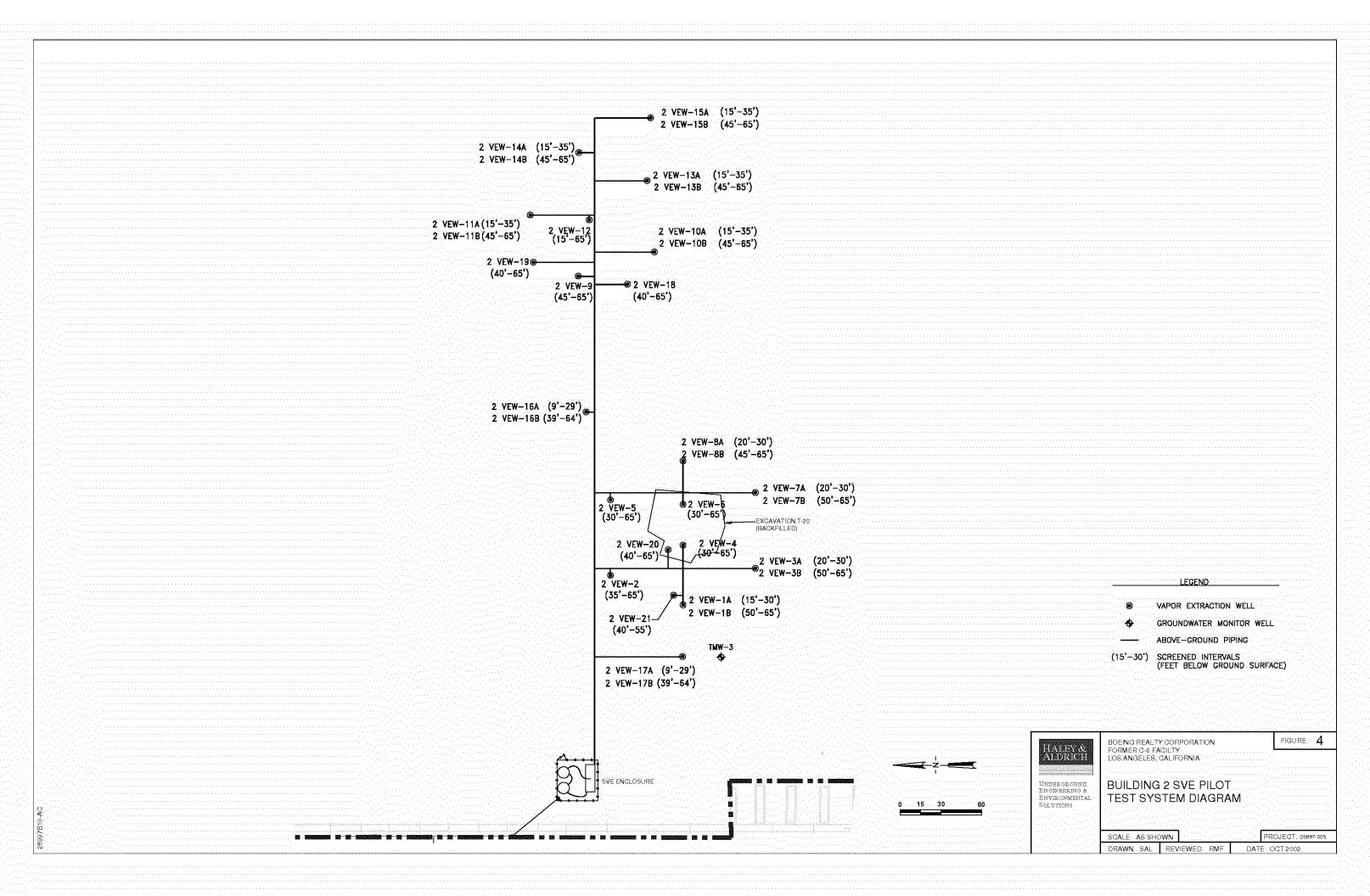
Haley & Aldrich, Inc., 2002. Toxic Risk Assessment for Building 2 SVE Extended Pilot Test System, September 20.

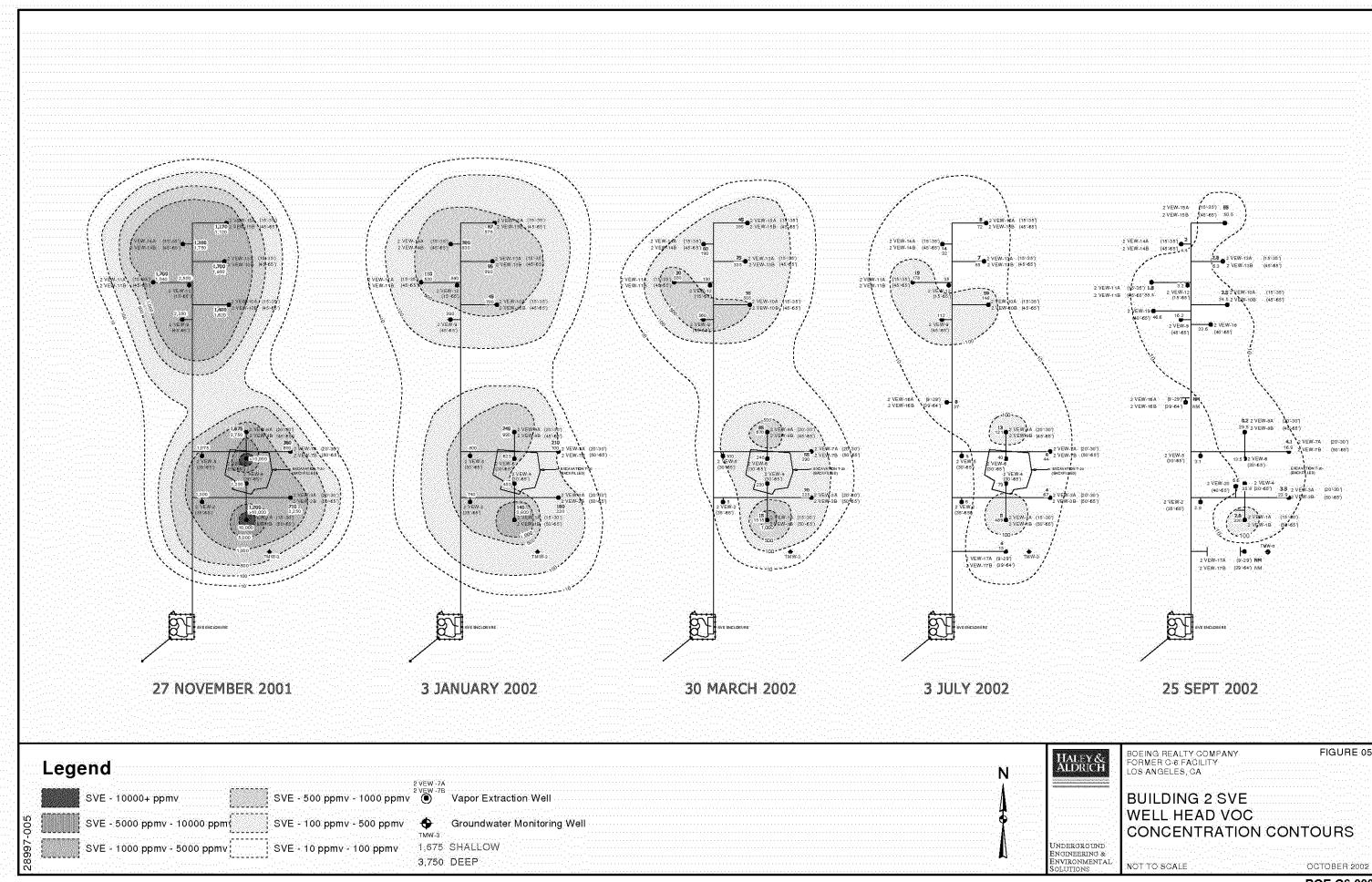
Hargis and Associates, Inc., 2002. Draft Soil Vapor Extraction System Closure Standard Operating Procedure, prepared for the Boeing Realty Corporation C-1 Facility, October 10.

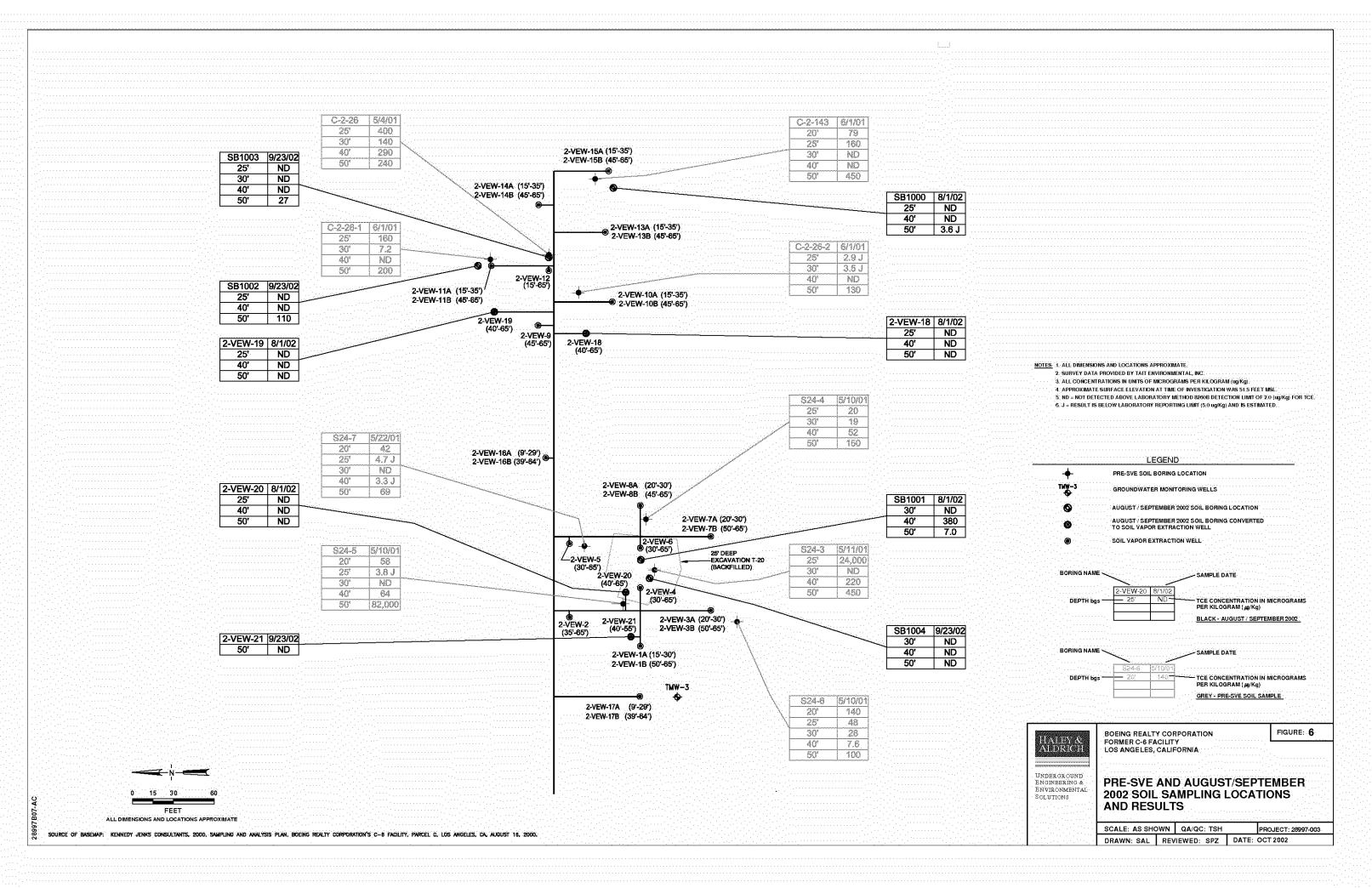












ATTACHMENT 1

BUILDING 1/36 SVE OPERATIONAL DATA

TABLE 1 - BUILDING 1/36 SVE SYSTEM INFLUENT LABORATORY DATA

Site Name:BRC Former C-6 FacilityLocation:Torrance, CaliforniaSystem:Building 1/36 SVE system

| | SAMPLE DATE | 1/3/2002 | 2/7/2002 | 3/6/2002 | 5/21/2002 | 6/3/2002 |
|-------------------------------|----------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|
| COMPOUND | SAMPLE TYPE | Diluted Inlet | Diluted Inlet | Inlet | Inlet | Inlet |
| | LAB ID | DILUTED_BLDG1_ 010302 | DILUTED_BLDG1_ 022702 | DILUTED_ BLDG1_ 030602 | GAC0001D_ AV052102 0001 | GAC0001D_ AV060302 0002 |
| | | 010302 | 022702 | 030002 | AV032102_0001 | AV000302_0002 |
| 1,1 Dichloroethene (ppbv) | | 32,000 | 140,000 | 140,000 | 83,000 | 43,000 |
| Methylene chloride (ppbv) | | ND | 300 | 2,500 | 6,200 | 8,400 |
| 1,1 Dichloroethane (ppbv) | | 1,400 | 3,700 | 5,700 | 2,200 | 2,700 |
| 1,2 Dichloroethane (ppbv) | | ND | 250 | 560 | ND | ND |
| cis-1,2 Dichloroethene (ppbv) | | 380 | 1,600 | 2,800 | 1,400 | 1,700 |
| 1,1,1 Trichloroethane (ppbv) | | 34,000 | 170,000 | 220,000 | 15,000 | 220,000 |
| 1,1,2 Trichloroethane (ppbv) | | ND | 120 | ND | ND | ND |
| Trichloroethene (ppbv) | | 12,000 | 45,000 | 61,000 | 48,000 | 29,000 |
| Tetrachloroethene (ppbv) | | ND | 190 | 1,600 | 260 | ND |
| Toluene (ppbv) | | 1,800 | 81,000 | 210,000 | 22,000 | 170,000 |
| 2-Butanone (MEK) | | ND | ND | ND | 62,000 | 150,000 |
| 4-Methyl-2-pentanone (MIBK) | | ND | ND | 250 | 2,100 | 14,000 |
| Xylene (ppbv) | | ND | 1,700 | 5,000 | 910 | 2,500 |

Notes:

ppbv = parts per billion by volume ND = Below method detction limits

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVE system

| 5.000 | · · · · · · · · · · · · · · · · · · · | | TINGS TO THE PROPERTY OF | TIN IN THE TRUITS | TOTAL TANGENTS TO | er rinner reder ringen | See Bosie | THE THE PARTY | CONTRACTIVE CONTRACT |
|--|--|---|---|--|--|---|--|--|---|
| DATE | HOUR METER | TIME | UNDILUTED FLOW RATE (1) | | DILUTED I FLOW RATE (1) | DILUTED INFLUENT CONC. FID (2) | MID PONT CARBON CONC. PID (2) | EFFLUENT CARBON CONC. PID (2) | COMMENTS |
| | WILLIAM | | (scfm) | (inches H2O) | (scfm) | (ppmv) | (ppmv) | (ppmv) | |
| 01/03/02 | 1625 | 13:15 | 32 | 48 | .200 | .320 | 0.0 | 0.0 | · · · · · · · · · · · · · · · · · · · |
| 01/10/02 | 1794 | 14:00 | 30 | 17 | 200 | .390 | 0.1 | 0.0 | |
| 01/18/02 | 1980 | 8:30 | 3 | 15 | 184 | 760 | 0.0 | 0.0 | |
| 01/24/02 | 2127 | 11:00 | 93 | .15 | 178 | >9,999 | 0.0 | 0.0 | |
| 01/31/02 | 2294 | 13:45 | NR | 13 | 175 | 4.000 | 63 | 0.0 | GAC Changeout |
| 02/07/02 | 2324 | 16:50 | 50 | | 165 | 3,540 | 2 | 0.0 | |
| 02/15/02 | 2517 | 17:50 | 40 | NR | 170 | 3,600 | 26 | 0.1 | |
| 02/21/02 | 2661 | 17:44 | 47 | 13 | 170 | 4,300 | . 240 | 0.0 | GAC Changeout |
| 02/27/02 | 2661 | 14:17 | 46 | 14 | 185 | 3,900 | 1.5 | 0.0 | |
| 03/06/02 | 2828 | 13:40 | 110 | 17 | .195 | >9,999 | 45 | 0.2 | GAC Changeout |
| 03/13/02 | 2995 | 16:20 | 56 | 14 | 163 | 4,550 | 2 | | |
| 03/20/02 | 3155 | 8:30 | NR | 19.5 | 183 | 3,700 | · · · · · · · · · · · · · · · · · · · | 0.2 | |
| 03/29/02 | 3371 | 8:15 | 60 | 13 | 166 | 2,864 | 57 | 0.2 | System shut-down and removal |
| | | | | | | 1000 | | | |
| | | | | | | Pilot system ren | oved | | |
| 05/15/02 | .5 | 16:50 | 985 | 96. | -995 | 375 * | 0.1 * | 0.7 * | |
| 05/15/02 05/16/02 | 5 31 | 16:50 17:45 | 985 1040 | 96. 91. | 995 1060 | \$3575 CENTS & CONTRACTOR STATES & CONTRACTOR | XXXIIIXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | 0.2* | |
| | 31 55 | | | 96 91 69 | | \$3575 CENTS & CONTRACTOR STATES & CONTRACTOR | 0.1 * | | |
| 05/16/02 | 31 | 17:45 | 1040 | 96 91 69 90 | | \$3575 CENTS & CONTRACTOR STATES & CONTRACTOR | 0.1 * | 0.2* | Primary vessel switched |
| 05/16/02 05/17/02 | 31 55 | 17:45 17:20 | 1040 915 | 96 91 69 90 88 | | \$3575 CENTS & CONTRACTOR STATES & CONTRACTOR | 0.1 * 14.2 * 0.0 * | 0.2 * 0.1 * | Primary vessel switched |
| 05/16/02 05/17/02 05/18/02 | 31 55 76 | 17:45 17:20 14:40 | 1040 915 840 | 96 91 69 90 88 88 | 1060 985 870 | \$3575 CENTS & CONTRACTOR STATES & CONTRACTOR | 0.1 * 14.2 * 0.0 * 45.0 | 0.2 * 0.1 * 0.0 | Primary vessel switched |
| 05/16/02 05/17/02 05/18/02 05/19/02 | 31 55 76 97 119 143 | 17:45 17:20 14:40 11:40 | 1040 915 840 875 | 96. 91. 69. 90. 88. 88. 72. | 1060 985 870 905 | 375 * 320 * 310 * 845 780 | 0.1* 14.2* 0.0* 45.0 18.0 | 0.2 * 0.1 * 0.0 10.0 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 | 31 55 76 97 119 | 17:45 17:20 14:40 11:40 10:00 | 1040 915 840 875 900 | 96. 91. 69. 90. 88. 88. 72. 77. | 1060 985 870 905 | 375 * 320 * 310 * 845 780 | 0.1* 14.2* 0.0* 45.0 18.0 14.0 | 0.2 * 0.1 * 0.0 10.0 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 | 31 55 76 97 119 143 | 17:45 17:20 14:40 11:40 10:00 14:50 | 1040 915 840 875 900 935 | 96. 91. 69. 90. 88. 88. 72. 77. 62. | 1060 985 870 905 | 375 * 320 * 310 * 845 780 | 0.1* 14.2* 0.0* 45.0 18.0 14.0 | 0.2* 0.1* 0.0 10.0 12.0 7.5 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 05/22/02 05/23/02 05/24/02 | 31 55 76 97 119 143 169 190 208 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 | 1040 915 840 875 900 935 | 91 69 90 88 88 72 | 1060 985 870 905 905 975 950 | 375 * 320 * 310 * 845 780 725 160 330 | 0.1* 14.2* 0.0* 45.0 18.0 14.0 34.0 9.8 | 0.2* 0.1* 0.0 10.0 12.0 7.5 7.0 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 05/22/02 05/23/02 | 31 55 76 97 119 143 169 190 208 236 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 14:35 | 1040 915 840 875 900 935 925 | 91. 69. 90. 88. 88. 72. 77. 62. | 1060 985 870 905 905 975 950 | 375 * 320 * 310 * 345 780 725 160 330 355 | 0.1* 14.2* 0.0 * 45.0 18.0 14.0 34.0 9.8 | 0.2* 0.1* 0.0 10.0 12.0 7.5 7.0 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 05/23/02 05/23/02 05/25/02 05/25/02 | 31 55 76 97 119 143 169 190 208 236 259 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 14:35 8:41 12:40 11:20 | 1040 915 840 875 900 935 925 925 403 | 91. 69. 90. 88. 88. 72. 77. 62. | 1060 985 870 905 905 975 950 | 375 * 320 * 310 * 345 780 725 160 330 355 1,250 | 0.1* 14.2* 0.0* 45.0 18.0 14.0 34.0 9.8 9.8 13.0 | 0.2** 0.1* 0.0 10.0 12.0 7.5 7.0 9.0 12.0 9.0 11.8 | Primary vessel switched GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/18/02 05/19/02 05/20/02 05/22/02 05/22/02 05/23/02 05/24/02 05/25/02 | 31 55 76 97 119 143 169 190 208 236 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 14:35 8:41 12:40 | 1040 915 840 875 900 935 925 925 403 383 | 91. 69 90 88 88 72 77 62 61 60 | 1060 985 870 905 905 975 950 815 400 377 | 375 * 320 * 310 * 845 780 725 160 330 355 1,250 850 | 0.1* 14.2* 0.0 * 45.0 18.0 14.0 34.0 9.8 9.8 13.0 10.5 | 0.2** 0.1* 0.0 10.0 12.0 7.5 7.0 9.0 12.0 9.0 | Primary vessel switched GAC Changeout GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 05/23/02 05/23/02 05/25/02 05/25/02 | 31 55 76 97 119 143 169 190 208 236 259 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 14:35 8:41 12:40 11:20 | 1040 915 840 875 900 935 925 925 403 383 392 | 91. 69 90 88 88 72 77 62 61 60 61 | 1060 985 870 905 905 975 950 815 400 377 364 | 375 * 320 * 310 * 845 780 725 160 330 355 1,250 850 1,000 | 0.1* 14.2* 0.0 * 45.0 18.0 14.0 34.0 9.8 9.8 13.0 10.5 | 0.2** 0.1* 0.0 10.0 12.0 7.5 7.0 9.0 12.0 9.0 11.8 | GAC Changeout |
| 05/16/02 05/17/02 05/18/02 05/19/02 05/20/02 05/21/02 05/23/02 05/24/02 05/25/02 05/26/02 05/27/02 | 31 55 76 97 119 143 169 190 208 236 259 283 | 17:45 17:20 14:40 11:40 10:00 14:50 17:10 14:35 8:41 12:40 11:20 11:24 | 1040 915 840 875 900 935 925 925 403 383 392 402 | 91. 69 90 88 88 72 77 62 61 60 61 60 95 | 1060 985 870 905 905 905 975 950 815 400 377 364 368 795 760 | 375 * 320 * 310 * 845 780 725 160 330 355 1,250 850 1,000 1,000 245 * 350 | 0.1* 14.2* 0.0 * 45.0 18.0 14.0 34.0 9.8 9.8 13.0 10.5 | 0.2** 0.1* 0.0 0.0 10.0 12.0 7.5 7.0 9.0 12.0 9.0 11.8 12.0 0.0* 7.5 | GAC Changeout |

Notes

NR = Not Recorded

> Greater than

Haley & Aldrich, Inc.

⁽¹⁾ Direct flow readings taken by hand-held TSI Veloci-calc Plus or orifice plate

⁽²⁾ Measurements taken with a Foxboro OVA-108 PID calibrated to 100 ppmv. Hexane.

^{*} PID Adjusted to FID equivalents as Hexane by multplying PID Reading by 0.35 (Hexane Equiv = PID Reading x PID CF X FID RF) softm = standard cubic feet per minute

ppmv = parts per million by volume

Site Name: Location:

System:

BRC Former C-6 Facility Torrance, California Building 1/36 SVE system

| WELL ID | DATE | TIME | FLOW RATE | VACUUM | WELLHEAD PID | COMMENTS |
|--------------|-----------|-------|-----------|--------------|-----------------|------------------|
| | | | (scfm) | (inches H2O) | (ppmv) | |
| 1-VEW-1 | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| 1 1217 1 | 3/29/2002 | 8:15 | NA | 0.5 | NA | " |
| | 5/23/2002 | 11:21 | 4.41 | 9 | 115 | Well Opened |
| | 5/23/2002 | 12:38 | 18.9 | 40 | 125 | " |
| | 5/23/2002 | 14:19 | 37.6 | 96 | 155 | " |
| | 6/3/2002 | 10:00 | 39 | 90 | 51 | " |
| 1-VEW-2 | 3/6/2002 | 13:40 | NA | 0.5 | NA | Well Closed |
| 1- 4 E 44 -2 | 3/29/2002 | 8:15 | NA NA | 0.5 | NA NA | wen Closed |
| | 5/23/2002 | 11:24 | 5.45 | 9 | NA 49 | Well Opened |
| | 5/23/2002 | 12:35 | 21.2 | 35.5 | 51 | wen Opened |
| | 5/23/2002 | 14:23 | 47.2 | 96 | 58 | " |
| | 6/3/2002 | 10:00 | 45 | 90 | 30 | # |
| | 0/3/2002 | 10.00 | 12 | | | |
| 1-VEW-3 | 3/6/2002 | 13:40 | NA | 0.1 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.6 | NA | " |
| | 5/23/2002 | 11:17 | 3.37 | 8.5 | 32 | Well Opened |
| | 5/23/2002 | 12:43 | 15.6 | 42 | 87 | " |
| | 5/23/2002 | 14:13 | 30.2 | 96 | 82 | " |
| | 6/3/2002 | 10:00 | 24 | 69 | 40 | " |
| 1-VEW-4 | 3/6/2002 | 13:40 | NA | 1.4 | NA | Well Closed |
| 1-1511-4 | 3/29/2002 | 8:15 | NA | 1.4 | NA | " |
| | 5/23/2002 | 10:45 | 2.61 | 13 | 8 | Well Opened |
| | 5/23/2002 | NA | 7.05 | 34.5 | 360 | wen opened |
| | 5/23/2002 | 14:08 | 18.1 | 96 | 230 | # |
| | 6/3/2002 | 10:00 | 9 | 51 | 120 | " |
| | | | | | | |
| 1-VEW-5 | 3/6/2002 | 13:40 | NA | 1.4 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 1.5 | NA 50 | |
| | 5/21/2002 | 11:38 | 6.9 | 12 | 59 | Well Opened " |
| | 5/21/2002 | 13:02 | 15.6 | 19 | 16 | " |
| | 5/21/2002 | 12:45 | 32.1 | 34 | 29 | |
| | 6/3/2002 | 10:00 | NA | 10 | NA | Well Closed |
| 1-VEW-6 | 3/6/2002 | 13:40 | NA | 2.2 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 1.6 | NA | " |
| | 5/21/2002 | 11:25 | 6.3 | 8 | 52 | Well Opened |
| | 5/21/2002 | 13:05 | 16.5 | 15 | 16 | " Spelled |
| | 5/21/2002 | 12:50 | 33.3 | 30 | 30 | " |
| | 6/3/2002 | 10:00 | NA | 7 | NA | Well Closed |
| | | 23.00 | - 14 4 | • | = = | 22 22388 |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVE system

| ystem: | Building 1/36 SV | E system | | | | |
|-----------|------------------|----------|-----------|--------------|-----------------|----------------|
| WELL ID | DATE | TIME | FLOW RATE | VACUUM | WELLHEAD PID | COMMENTS |
| | | | (scfm) | (inches H2O) | (ppmv) | |
| 1-VEW-7 | 3/6/2002 | 13:40 | NA | 1.9 | NA | Well Closed |
| 1 (2., / | 3/29/2002 | 8:15 | NA | 0.1 | NA | " |
| | 5/23/2002 | 10:38 | 9.85 | 13 | 44 | Well Opened |
| | 5/23/2002 | 11:37 | 42.1 | 41 | 85 | " |
| | 5/23/2002 | 13:58 | 92 | 95 | 120 | ** |
| | 6/3/2002 | 10:00 | 88 | 88 | 30 | " |
| 1-VEW-8A | 3/6/2002 | 13:40 | NA | 0.5 | NA | Well Closed |
| 1 (2) (0) | 3/29/2002 | 8:15 | NA | 0.6 | NA | " |
| | 5/22/2002 | 11:25 | 10.75 | 11.5 | 175 | Well Opened |
| | 5/22/2002 | 14:23 | 63 | 41.5 | 150 | " |
| | 5/22/2002 | 15:32 | 112 | 82 | 142 | 11 |
| | 6/3/2002 | 10:00 | 33 | 22 | 40 | u . |
| 1-VEW-8B | 3/6/2002 | 13:40 | NA | 0.3 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.6 | NA | " |
| | 5/17/2002 | NA | 3.7 | 14 | 565 | Well Opened |
| | 5/17/2002 | NA | 6.05 | 43 | 650 | " |
| | 5/17/2002 | NA | 11.3 | 72 | 510 | " |
| | 6/3/2002 | 10:00 | 10 | 90 | 60 | ** |
| 1-VEW-9 | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| 1-11211-2 | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/23/2002 | 10:30 | 4.33 | 13 | 63 | " |
| | 5/23/2002 | 13:05 | 27.7 | 45 | 410 | Well Opened |
| | 5/23/2002 | 13:56 | 46.4 | 95 | 305 | m . |
| | 6/3/2002 | 10:00 | 49 | 88 | 120 | n |
| 1-VEW-10A | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| 1 (2) | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/16/2002 | NA | 2.7 | 26 | 270 | Well Opened |
| | 5/16/2002 | NA | 11 | 54 | 195 | # [*] |
| | 5/16/2002 | NA | 19.8 | 18 | 35 | 11 |
| | 6/3/2002 | 10:00 | 19 | 65 | 16 | n . |
| 1-VEW-10B | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| 102 | 3/29/2002 | 8:15 | NA | NA | NA | |
| | 5/20/2002 | 13:05 | 2.74 | 20 | 290 | Well Opened |
| | 5/20/2002 | 15:45 | 12.7 | 25 | 750 | * |
| | 5/20/2002 | 16:53 | 21 | 78 | 600 | |
| | 6/3/2002 | 10:00 | 29 | 60 | 290 | |
| 1-VEW-11A | 3/6/2002 | 13:40 | NA | 4.7 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 2.8 | NA | " |
| | 5/15/2002 | 18:08 | 5.3 | 40 | 400 | Well Opened |
| | 5/15/2002 | 19:22 | 5.6 | >100 | 400 | " · |
| | 5/15/2002 | 18:57 | 20.1 | 52 | 420 | " |
| | 6/3/2002 | 10:00 | 22 | 90 | 44 | Well Closed |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVE system

| System: | Building 1/36 SV | √E system | | | | |
|---------------|------------------------|----------------|------------------|---------------------|---------------------|-------------|
| WELL ID | DATE | TIME | FLOW RATE (scfm) | VACUUM (inches H2O) | WELLHEAD PID (ppmv) | COMMENTS |
| | | | (seiii) | (menes 1120) | (ppinv) | |
| 1-VEW-11B | 3/6/2002 | 13:40 | NA | 5.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 3.0 | NA | ** |
| | 5/18/2002 | 9:40 | 2.16 | 23.5 | 270 | Well Opened |
| | 5/18/2002 | 11:50 | 7.7 | 38 | 340 | |
| | 5/18/2002 6/3/2002 | 13:35 10:00 | 15.5 29 | 60 50 | 280 75 | " |
| | | | | | | |
| 1-VEW-12 | 3/6/2002 | 13:40 | NA | 3.5 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 2.2 | NA | • |
| | 5/21/2002 | 11:45 | 6.2 | 18.5 | 80 | Well Opened |
| | 5/21/2002 | 13:44 | 17.3 | 43 | 65 | " |
| | 5/21/2002 | 12:40 | 32.3 | 90 | 63 | " |
| | 6/3/2002 | 10:00 | 17 | 55 | 14 | Well Closed |
| 4 777777 40: | 016/2002 | 10.10 | 37. | 2.2 | N | W II GI |
| 1-VEW-13A | 3/6/2002 | 13:40 | NA | 3.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 18:23 | NA 5.4 | 2.0 20 | NA 84 | Well Opened |
| | 5/15/2002 5/15/2002 | 18:23 | 3.4 11.2 | 56 | 84 95 | wen Opened |
| | 5/15/2002 | 19:03 | 28.1 | >100 | 120 | ** |
| | 6/3/2002 | 10:00 | 59 | 87 | 14 | " |
| | | | | | | |
| 1-VEW-13B | 3/6/2002 | 13:40 | NA | 2.9 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 2.2 | NA | " |
| | 5/18/2002 | NA | 1.84 | 18.5 | 63 | Well Opened |
| | 5/18/2002 | NA | 8.3 | 33 | 220 | " |
| | 5/18/2002 | NA | 18.6 | 60.5 | 200 | ** |
| | 6/3/2002 | 10:00 | 26 | 45 | 60 | • |
| 1-VEW-14A | 3/6/2002 | 13:40 | NA | 0.4 | NA | Well Closed |
| 1- V E VV-14A | 3/29/2002 | 8:15 | NA NA | 0.4 | NA NA | wen Closed |
| | 5/15/2002 | 18:48 | 5.3 | 24 | 27 | Well Opened |
| | 5/15/2002 | 19:11 | 15 | 30 | 27 | " |
| | 5/15/2002 | 19:37 | 27 | >100 | 40 | " |
| | 6/3/2002 | 10:00 | 22 | 64 | 14 | Well Closed |
| | | | | | | |
| 1-VEW-14B | 3/6/2002 | 13:40 | NA | 1.8 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 1.8 | NA | " |
| | 5/18/2002 | NA | 7.1 | 15.5 | 65 | Well Opened |
| | 5/18/2002 | NA | 34.2 | 33.5 | 95 | ** |
| | 5/18/2002 | NA | 65 | 61 | 85 | |
| | 6/3/2002 | 10:00 | 38 | 40 | 35 | " |
| 1-VEW-15A | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| 1- 11- W-15A | 3/29/2002 | 8:15 | NA NA | 0.0 | NA NA | " |
| | 5/22/2002 | 12:14 | 16.4 | 6.5 | 13.5 | Well Opened |
| | 5/22/2002 | 13:51 | 74 | 35 | 23 | " |
| | 5/22/2002 | 16:00 | 138 | 80 | 19.5 | " |
| | 6/3/2002 | 10:00 | 84 | 61 | NA | Well Closed |
| | | | | | | |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVF system

| System: | Building 1/36 SV | E system | | | | |
|--------------|------------------|----------|------------|--------------|-----------------|-------------|
| WELL ID | DATE | TIME | FLOW RATE | VACUUM | WELLHEAD PID | COMMENTS |
| | | | (scfm) | (inches H2O) | (ppmv) | |
| 1-VEW-15B | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.0 | NA | " |
| | 5/17/2002 | NA | 12 | 4 | 12 | Well Opened |
| | 5/17/2002 | NA | 60.5 | 27 | 45 | " |
| | 5/17/2002 | NA | 117 | 72 | 40 | " |
| | 6/3/2002 | 10:00 | 74 | 34 | NA | Well Closed |
| 1-VEW-16A | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| 1-1211-10/1 | 3/29/2002 | 8:15 | NA | 0.2 | NA | " |
| | 5/22/2002 | 11:43 | 3.72 | 11 | 85 | Well Opened |
| | 5/22/2002 | 14:17 | 23.9 | 72 | 68 | " |
| | 5/22/2002 | 15:41 | 25.1 | 82 | 75 | " |
| | 6/3/2002 | 10:00 | 18 | 70 | 17 | * |
| | | | | | | |
| 1-VEW-16B | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.5 | NA | " |
| | 5/17/2002 | NA | 3.6 | 11 | 510 | Well Opened |
| | 5/17/2002 | NA | 16.1 | 25 | 650 | " |
| | 5/17/2002 | NA | 39.3 | 74 | 610 | " |
| | 6/3/2002 | 10:00 | 22 | 65 | 80 | • |
| 4 370337 484 | 21612002 | 12.40 | 37.4 | 0.0 | NT. | W. H. Cl |
| 1-VEW-17A | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA 6.55 | 0.1 | NA | |
| | 5/22/2002 | 12:00 | 6.55 | 7 2. | 24 | Well Opened |
| | 5/22/2002 | 13:57 | 29.2 | 35 | 9.5 | " |
| | 5/22/2002 | 15:54 | 58.5 | 80 | 5.6 | |
| | 6/3/2002 | 10:00 | NA | NA | NA | Well Closed |
| 1-VEW-17B | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.2 | NA | " |
| | 5/17/2002 | NA | 4.5 | 6 | 110 | Well Opened |
| | 5/17/2002 | NA | 24.2 | 36 | 110 | " |
| | 5/17/2002 | NA | 41.5 | 72 | 110 | ** |
| | 6/3/2002 | 10:00 | 40 | 58 | 6 | " |
| | | | | | | |
| 1-VEW-18A | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.3 | NA | " |
| | 5/22/2002 | 12:18 | 2.8 | 33.5 | 12.2 | Well Opened |
| | 5/22/2002 | 13:45 | 9.25 | 72 | 10.5 | " |
| | 5/22/2002 | 16:08 | 19.4 | 80 | 9.5 | " |
| | 6/3/2002 | 10:00 | NA | NA | NA | Well Closed |
| 1-VEW-18B | 3/6/2002 | 13:40 | NA | 0.2 | NA | Well Closed |
| 7- 17-11-10D | 3/29/2002 | 8:15 | NA NA | 0.4 | NA NA | wen Closed |
| | 5/17/2002 | NA | 3 | 2 | 7.9 | Well Opened |
| | 5/17/2002 | NA | 12.75 | 16 | 7.9 | " |
| | 5/17/2002 | NA NA | 32.5 | 72 | 85 | ** |
| | 6/3/2002 | 10:00 | 32.3 | 86 | 22 | # |
| | 5.5.2002 | 20.00 | 32 | 50 | | |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVF system

| System: | Building 1/36 SV | /E system | | | | |
|----------------|------------------------|---------------|------------|--------------|-----------------|-------------|
| WELL ID | DATE | TIME | FLOW RATE | VACUUM | WELLHEAD PID | COMMENTS |
| | | | (scfm) | (inches H2O) | (ppmv) | |
| 1-VEW-19A | 3/6/2002 | 13:40 | NA | 0.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.0 | NA | H |
| | 5/22/2002 | 11:49 | 6.55 | 9.5 | 25.1 | Well Opened |
| | 5/22/2002 | 14:12 | 35.2 | 40 | 13 | " |
| | 5/22/2002 | 15:48 | 64.5 | 82 | 11.7 | ** |
| | 6/3/2002 | 10:00 | NA | 15 | NA | Well Closed |
| 1-VEW-19B | 3/6/2002 | 12:40 | NA | 0.6 | NA | Well Closed |
| 1- V E VV-19D | | 13:40 | NA NA | 0.6 | NA NA | well Closed |
| | 3/29/2002 | 8:15 | | | | W-II O1 |
| | 5/17/2002 | NA | 3.5 | 14 | 59 | Well Opened |
| | 5/17/2002 | NA | 15.8 | 34 74 | 65 | |
| | 5/17/2002 | NA 10.00 | 43.1 | | 60 | |
| | 6/3/2002 | 10:00 | 16 | 87 | 5 | |
| 1-VEW-20A | 3/6/2002 | 13:40 | NA | 1.3 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 0.9 | NA | " |
| | 5/22/2002 | 12:23 | 2.87 | 9 | 11 | Well Opened |
| | 5/22/2002 | 13:39 | 14.1 | 31.5 | 11.8 | ,,* |
| | 5/22/2002 | 16:12 | 33.1 | 80 | 4.2 | ** |
| | 6/3/2002 | 10:00 | NA | 10 | NA | Well Closed |
| 1-VEW-20B | 3/6/2002 | 12.40 | NA | 1.4 | NA | Well Closed |
| 1- V E VV-20D | | 13:40 8:15 | | 1.4 1.0 | NA NA | well Closed |
| | 3/29/2002 5/17/2002 | 10:30 | NA 2.32 | 1.0 14 | 100 | Wall Owanad |
| | 5/17/2002 | NA | 10.7 | 22 | 170 | Well Opened |
| | 5/17/2002 | NA NA | 32.6 | 72 | 105 | " |
| | | | | | | ,, |
| | 6/3/2002 | 10:00 | 33 | 61 | 18 | |
| 1-VEW-21A | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/16/2002 | NA | 3.57 | 39 | 3040 | Well Opened |
| | 5/16/2002 | NA | 5.4 | 48 | 3200 | " |
| | 5/16/2002 | NA | 37.7 | 96 | 2900 | • |
| | 6/3/2002 | 10:00 | 28 | 55 | NA | H |
| 1 \$753\$7 047 | 216/2002 | 12.10 | 37.4 | 3.7.4 | NIA | W. H.Cl. |
| 1-VEW-21B | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/20/2002 | 13:22 | 1.74 | 15 | 700 | Well Opened |
| | 5/20/2002 | 15:28 | 4.5 | 45 | 1030 | " |
| | 5/20/2002 | 17:24 | 36.3 | 79 | 1725 | " |
| | 5/21/2002 | 9:55 | 48.3 | 92 | 1200 | |
| | 6/3/2002 | 10:00 | 47 | 90 | NA | " |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVE system

| System: | Building 1/36 SV | VE system | | | | |
|-------------|------------------|-----------|------------------|---------------------|-----------------|-------------|
| WELL ID | DATE | TIME | FLOW RATE (scfm) | VACUUM (inches H2O) | WELLHEAD PID | COMMENTS |
| | | | | | (ppmv) | |
| 1-VEW-22A | 3/6/2002 | 13:40 | NA | 5.0 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 3.1 | NA | " |
| | 5/16/2002 | NA | 3.1 | 28 | 2200 | Well Opened |
| | 5/16/2002 | NA | 10.6 | 52 | 2400 | " |
| | 5/16/2002 | NA | 18.05 | 92 | 1600 | ** |
| | 6/3/2002 | 10:00 | 18 | 74 | 80 | " |
| 1-VEW-22B | 3/6/2002 | 13:40 | NA | 5.1 | NA | Well Closed |
| 1 (2) (22) | 3/29/2002 | 8:15 | NA | 3.1 | NA | " |
| | 5/20/2002 | 13:30 | 4.12 | 16 | 37 | Well Opened |
| | 5/20/2002 | 15:20 | 21.1 | 40 | 72 | " |
| | 5/20/2002 | 17:35 | 37 | 77 | 179 | " |
| | 5/21/2002 | 10:07 | 43.6 | 91 | 230 | • |
| | 6/3/2002 | 10:00 | 51 | 88 | 20 | " |
| 1-VEW-23A | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| 1 (20, 20,1 | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/16/2002 | NA | 3.25 | 20 | 130 | Well Opened |
| | 5/16/2002 | NA | 12.5 | 49 | 45 | " |
| | 5/16/2002 | NA | 21.4 | 20 | 35 | " |
| | 6/3/2002 | 10:00 | 14 | 40 | 11 | Well Closed |
| 1-VEW-23B | 3/6/2002 | 13:40 | NA | NA | NA | Well Closed |
| 11211 200 | 3/29/2002 | 8:15 | NA | NA | NA | " |
| | 5/20/2002 | 13:16 | 2.67 | 15 | 46 | Well Opened |
| | 5/20/2002 | 15:38 | 10 | 23 | 1700 | " opened |
| | 5/20/2002 | 17:08 | 19.5 | 79 | 9000 | " |
| | 5/21/2002 | 9:48 | 46.3 | 94 | 8000 | ** |
| | 6/3/2002 | 10:00 | 37 | 90 | 600 | ** |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 1/36 SVE system

| System: | Building 1/36 SV | √E system | | | | |
|-----------|-----------------------|----------------|------------|--------------|-----------------|-------------|
| WELL ID | DATE | TIME | FLOW RATE | VACUUM | WELLHEAD PID | COMMENTS |
| | | | (scfm) | (inches H2O) | (ppmv) | |
| 1-VEW-24A | 1/18/2002 | 10:40 | NA | 88 | > 9,999 * | Well opened |
| | 1/24/2002 | 11:00 | NA | 75 | > 9,999 * | " |
| | 1/31/2002 | 13:45 | 33 | 23 | > 9,999 | " |
| | 2/7/2002 | 16:50 | 31 | 26 | > 9,999 | # |
| | 2/15/2002 | 17:51 | NA | NA | > 9,999 * | # |
| | 2/21/2002 | 17:44 | 46.5 | 30 | > 9,999 | ** |
| | 2/27/2002 | 14:17 | 32 | 30 | > 9,999 | " |
| | 3/6/2002 | 13:40 | 94 | 64 | > 9,999 | " |
| | 3/13/2002 | 16:20 | 45 | 30 | > 9,999 | " |
| | 3/20/2002 | 8:30 | 42 | 32 | > 9,999 | " |
| | 3/29/2002 | 8:15 | 9 | 28 | 4,000 | " |
| | 5/16/2002 | NA | 8.85 | 24 | 450 | " |
| | 5/16/2002 | NA | 33.7 | 42 | 550 | ** |
| | 5/16/2002 | NA | 77.5 | 90 | 520 | " |
| | 6/3/2002 | 10:00 | 43 | 56 | 55 | " |
| | | | | | | |
| | 12/13/2001 | 15:00 | 10 | 54 | > 9,999 * | Well opened |
| | 12/20/2001 | 14:15 | 5 | 47 | > 800 * | ** |
| 1-VEW-24B | 1/3/2002 | 13:15 | 32 | 48 | > 320 * | " |
| | 1/10/2002 | 14:00 | 30 | 48 | > 700 * | " |
| | 1/18/2002 | 8:25 | 25 | 90 | > 760 * | " |
| | 1/18/2002 | 10:40 | NA | 90 | > 2,500 * | " |
| | 1/24/2002 | 11:00 | 93 | 90 | > 9,999 * | |
| | 1/31/2002 | 13:45 | 9 | 23 | > 9,999 | |
| | 2/7/2002 | 16:50 | 9 | 26 | > 9,999 | |
| | 2/15/2002 | 17:51 | NA | NA | > 9,999 * | |
| | 2/21/2002 | 17:44 | 11 | 30 | > 9,999 | |
| | 2/27/2002 | 14:17 | 8 | 31 | > 9,999 | ,, |
| | 3/6/2002 | 13:40 | 13 | 64 | > 9,999 | |
| | 3/13/2002 | 16:20 | 10.5 | 30 | > 9,999 | ,, |
| | 3/20/2002 | 8:30 | 5.8 | 32 | > 9,999 | |
| | 3/29/2002 | 8:15 | 38 | 28 | > 9,999 | " |
| | 5/20/2002 | 13:43 | 1.08 | 15 | 42 | " |
| | 5/20/2002 | 15:10 | 4.4 | 41 | 490 | |
| | 5/20/2002 | 17:45 10:16 | 28.4 | 77 91 | 1010 635 | " |
| | 5/21/2002 6/3/2002 | 10:16 | 41.4 30 | 70 | 100 | " |
| | | | | | | |
| 1-VEW-25A | 3/6/2002 | 13:40 | NA | 5.5 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 3.7 | NA | # |
| | 5/16/2002 | NA | 2.68 | 23 | 125 | Well Opened |
| | 5/16/2002 | NA | 13.5 | 44 | 135 | " |
| | 5/16/2002 | NA | 28 | 90 | 120 | н |
| | 6/3/2002 | 10:00 | 25 | 46 | 45 | " |
| | | | | | | |
| 1-VEW-25B | 3/6/2002 | 13:40 | NA | 5.9 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 3.5 | NA | " |
| | 5/18/2002 | 10:17 | 1.36 | 23 | 280 | Well Opened |
| | 5/18/2002 | 12:30 | 3.75 | 35.5 | 370 | |
| | 5/18/2002 | 14:23 | 7.65 | 61 | 310 | " |
| | 6/3/2002 | 10:00 | 19 | 45 | 185 | " |

BRC Former C-6 Facility Torrance, California Site Name: Location: System: Building 1/36 SVE system

| WELL ID | DATE | TIME | FLOW RATE (scfm) | VACUUM (inches H2O) | WELLHEAD PID (ppmv) | COMMENTS |
|-----------|-----------|-------|------------------|------------------------|---------------------------|-------------|
| | | | | | | |
| 3/29/2002 | 8:15 | NA | 2.7 | NA | " | |
| 5/16/2002 | 10:50 | 5.45 | 37 | 95 | Well Opened | |
| 5/16/2002 | NA | 24.5 | 90 | 190 | " | |
| 5/16/2002 | NA | 33.5 | >100 | 95 | " | |
| 6/3/2002 | 10:00 | 55 | 85 | 105 | " | |
| 1-VEW-26B | 3/6/2002 | 13:40 | NA | 3.8 | NA | Well Closed |
| | 3/29/2002 | 8:15 | NA | 2.8 | NA | " |
| | 5/18/2002 | NA | 5.15 | 19.5 | 260 | Well Opened |
| | 5/18/2002 | NA | 23 | 35 | 280 | " |
| | 5/18/2002 | NA | 43.6 | 61 | 240 | ** |
| | 6/3/2002 | 10:00 | 24 | 36 | 60 | ** |

Notes:

ppmv: parts per million by volume

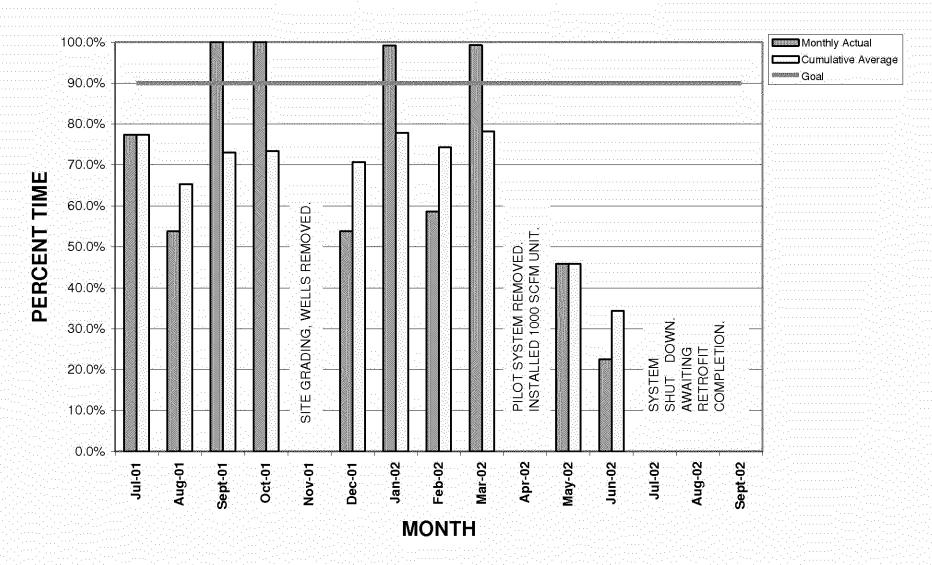
scfm: standard cubic foot per minute (acfm corrected for vacuum and temperature)

NA: data was not recorded or available

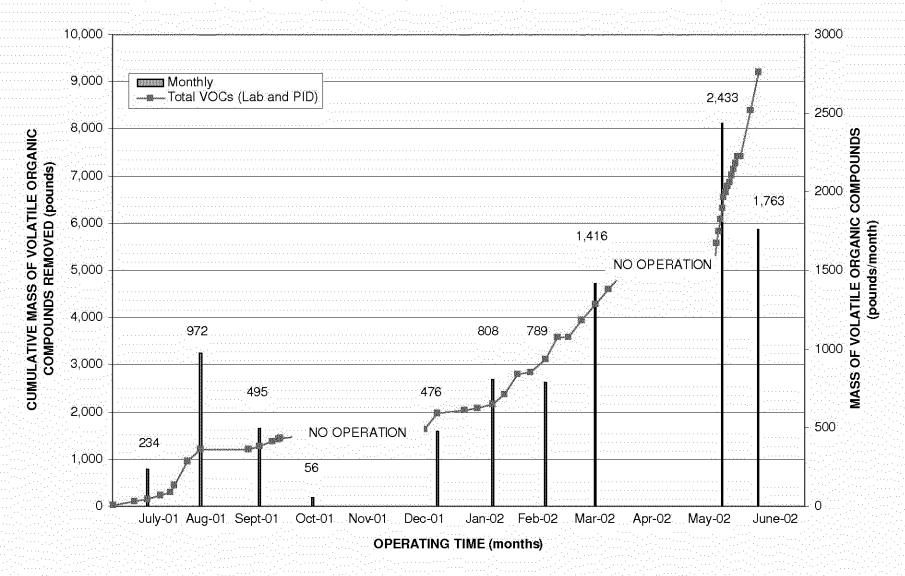
Direct flow readings taken by hand-held TSI Veloci-calc Plus
 Measurements taken with a Foxboro OVA FID calibrated to 100 ppmv Hexane, results as Hexane

^{*} Well head readings not taken. Estimates based on diluted inlet concentrations

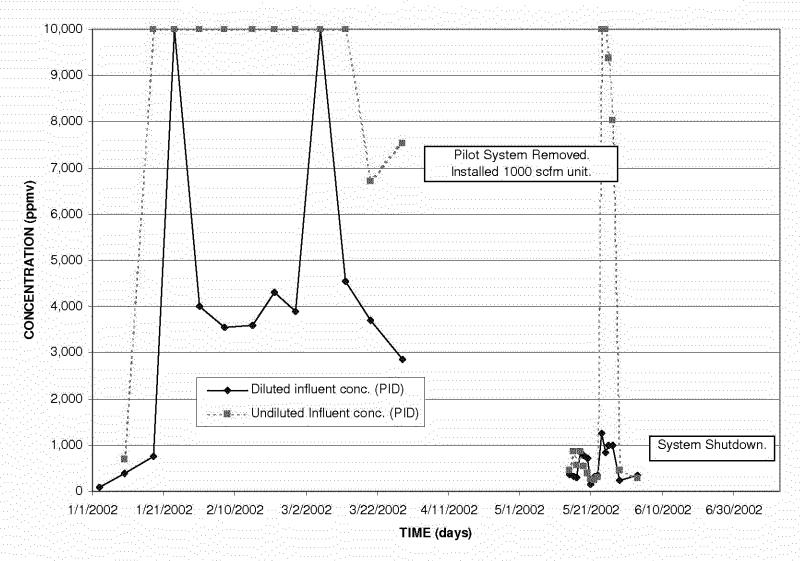
GRAPH 1
BUILDING 1/36 MONTHLY PERCENT OPERATION

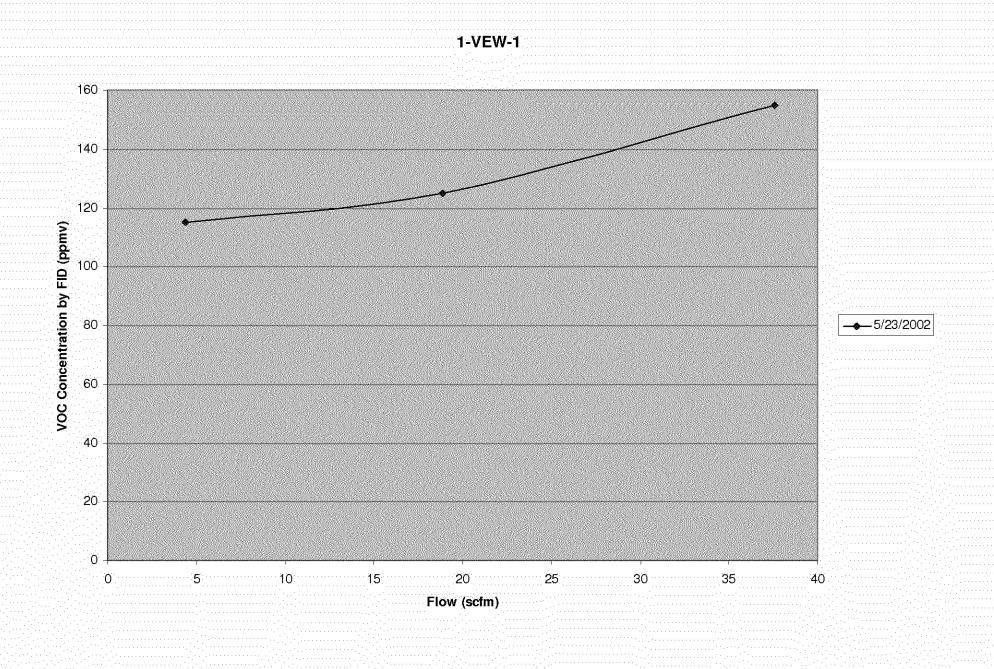


GRAPH 2
BUILDING 1/36 CUMULATIVE VOLATILE ORGANIC COMPOUND MASS REMOVED

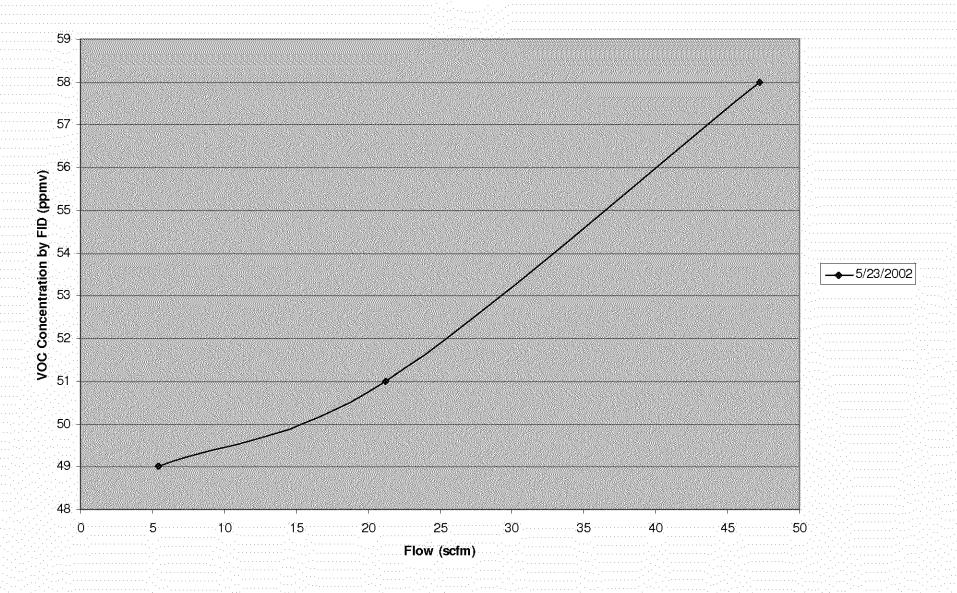


GRAPH 3
BUILDING 1/36 SVE SYSTEM TOTAL VOC INFLUENT CONCENTRATIONS

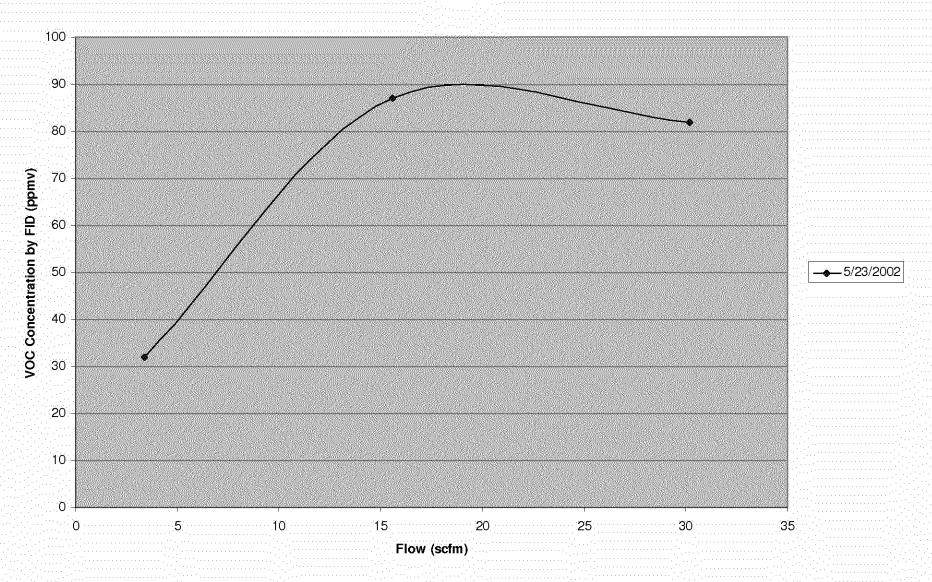


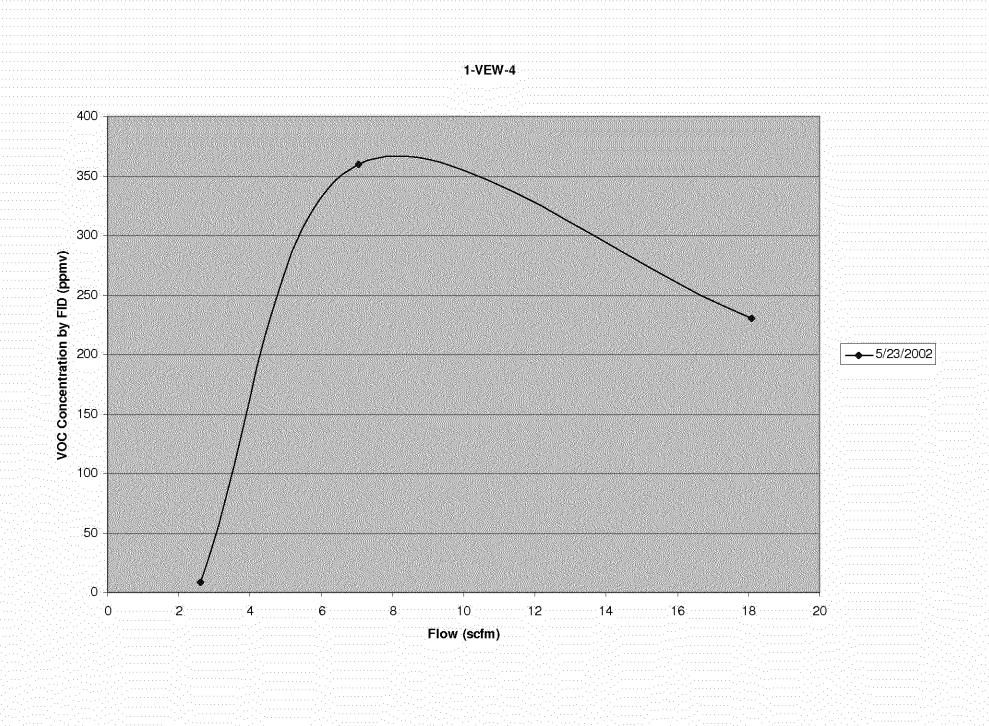


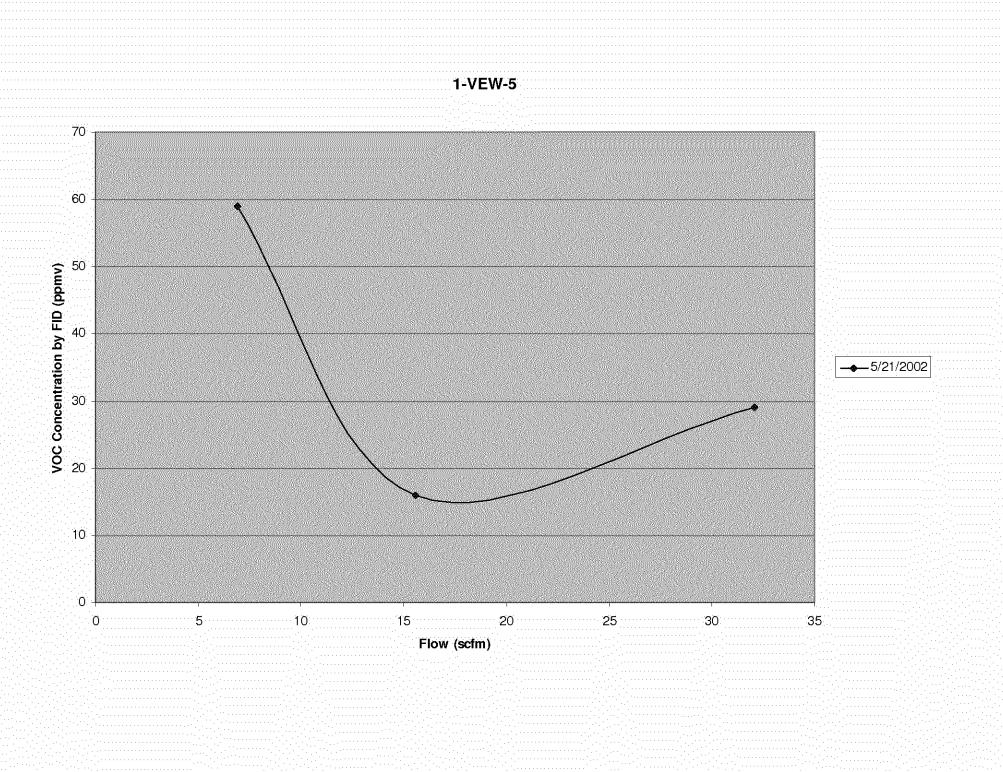


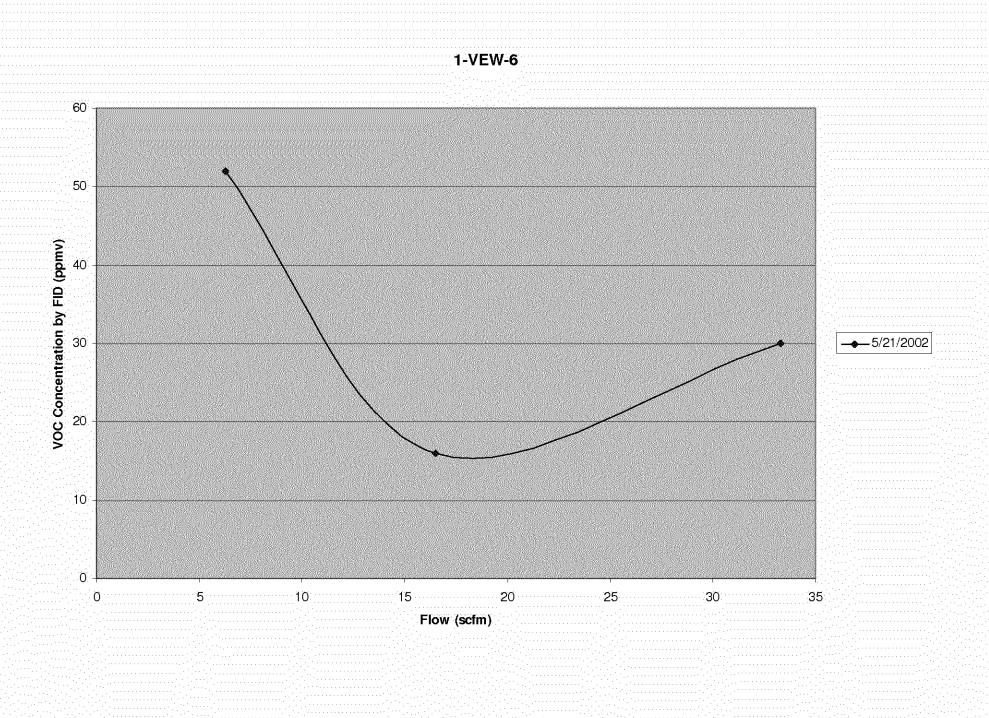


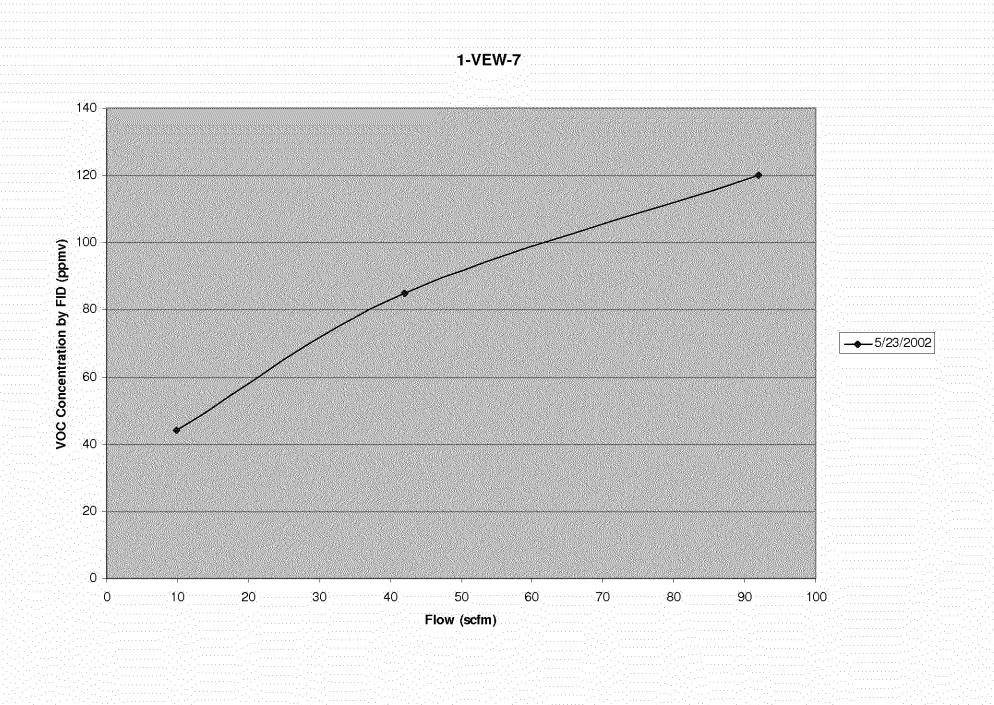


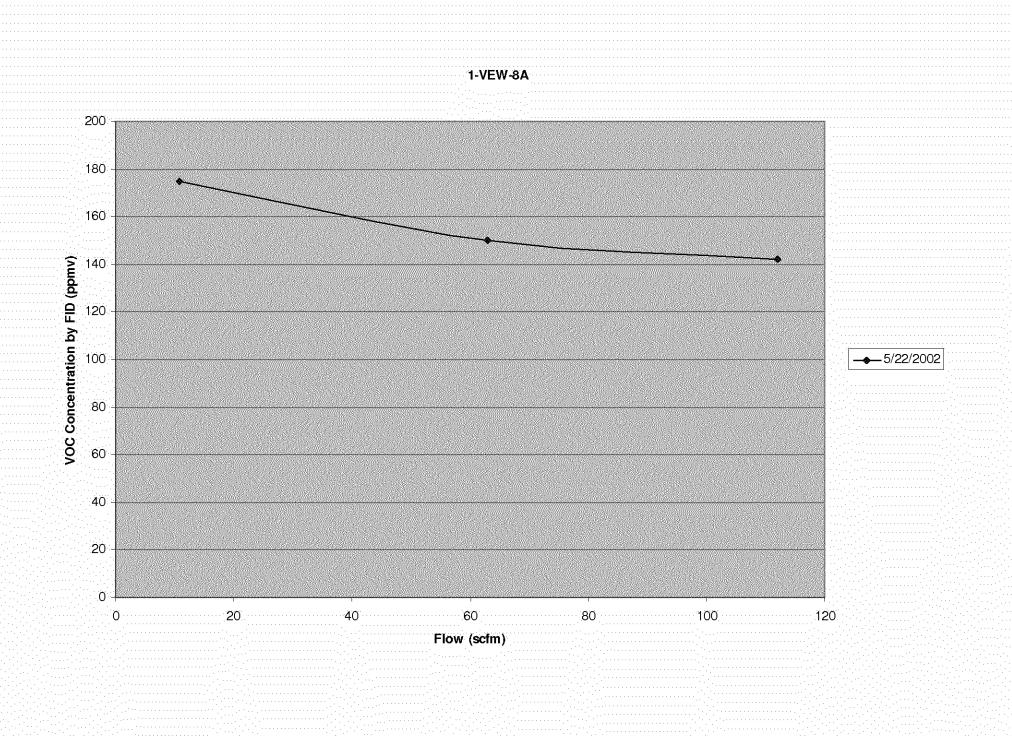


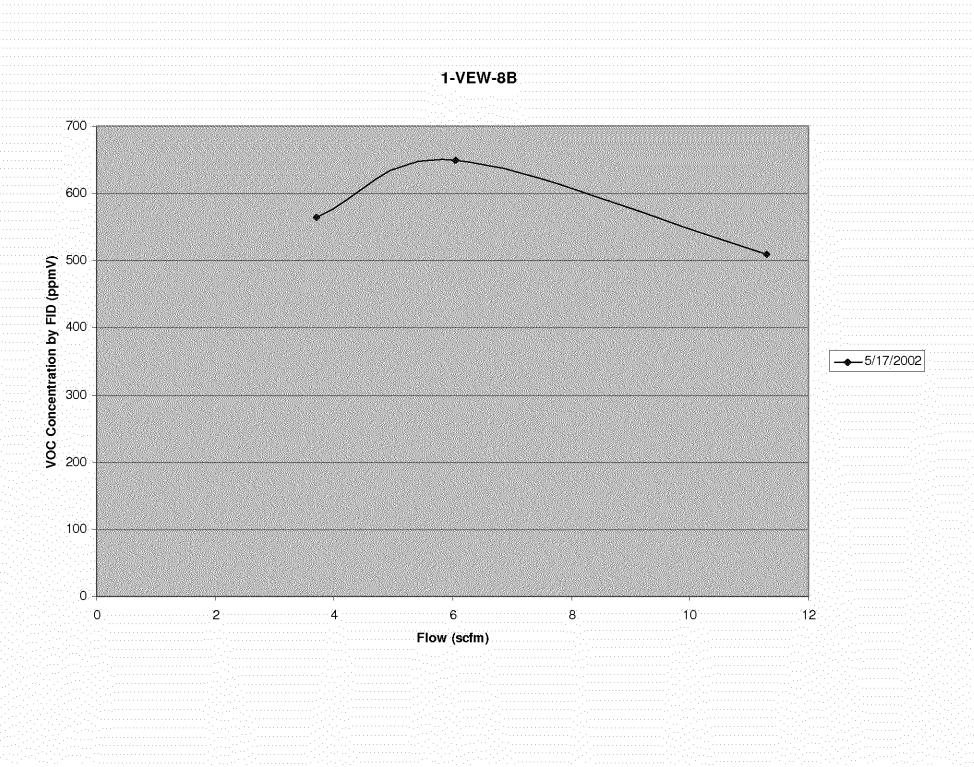




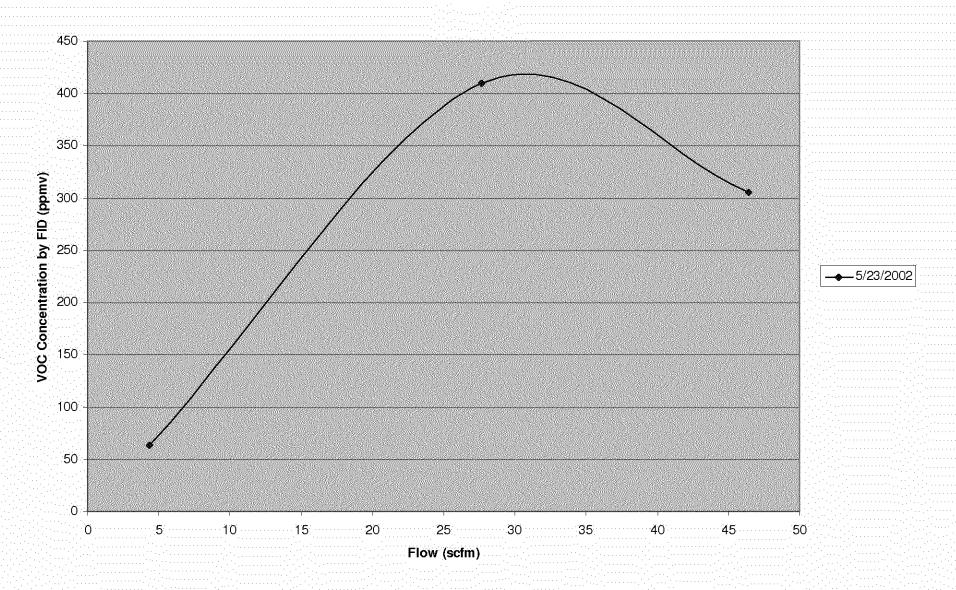


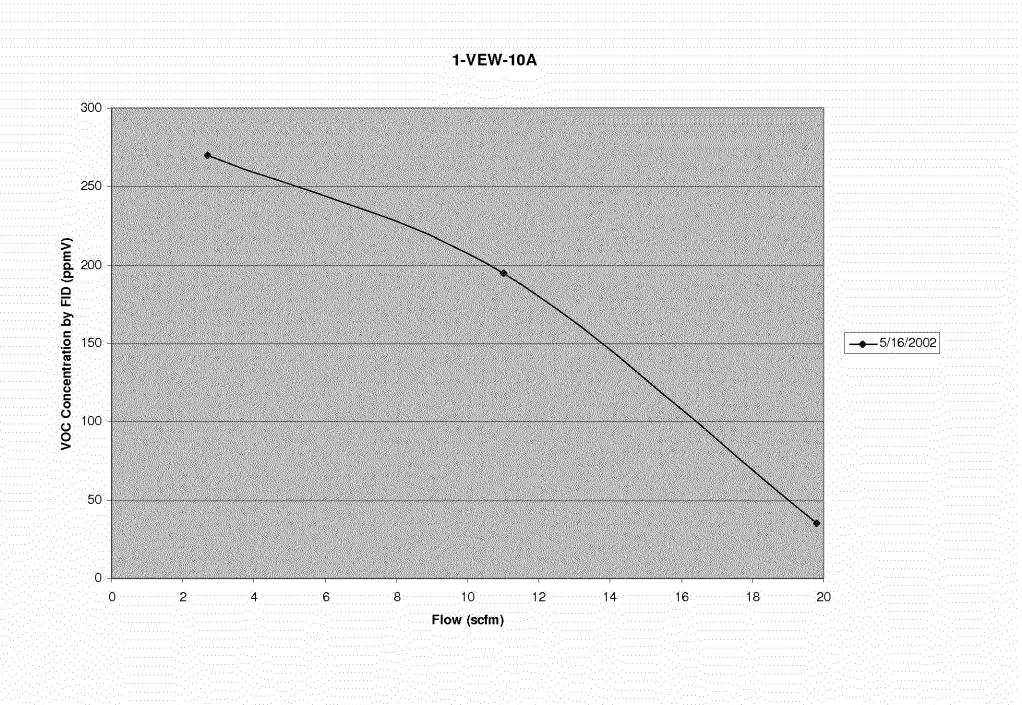


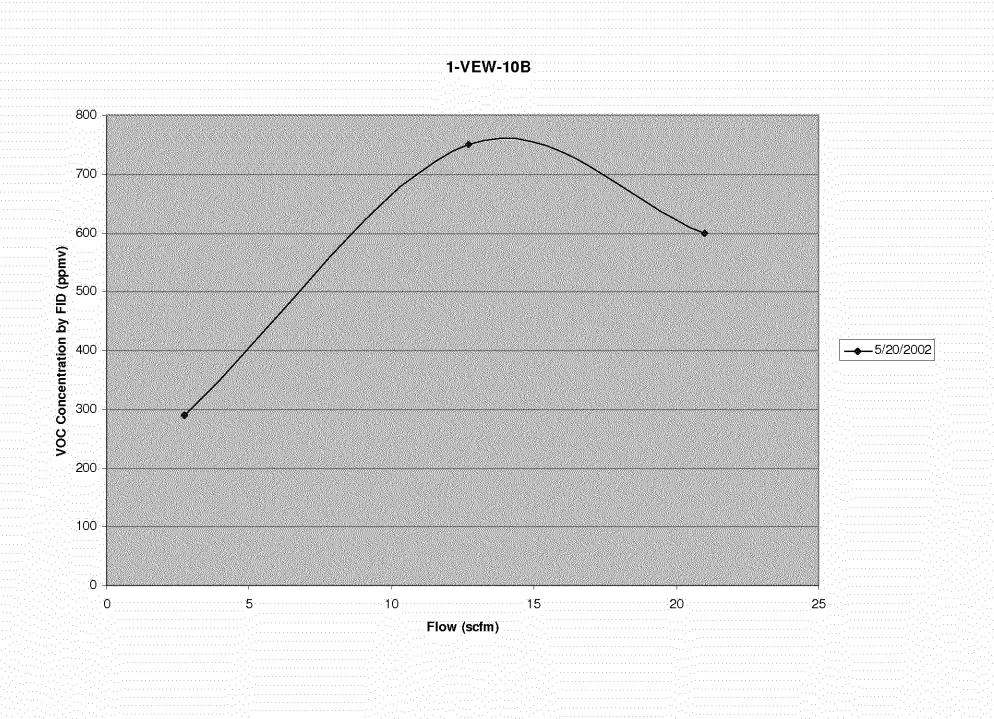


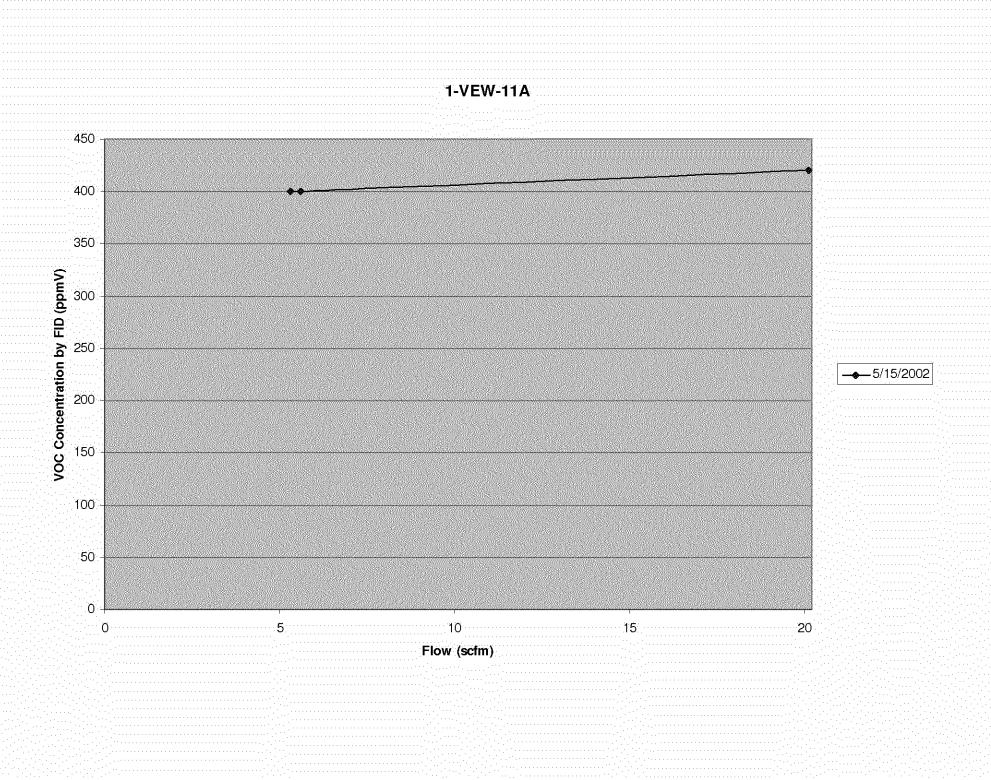


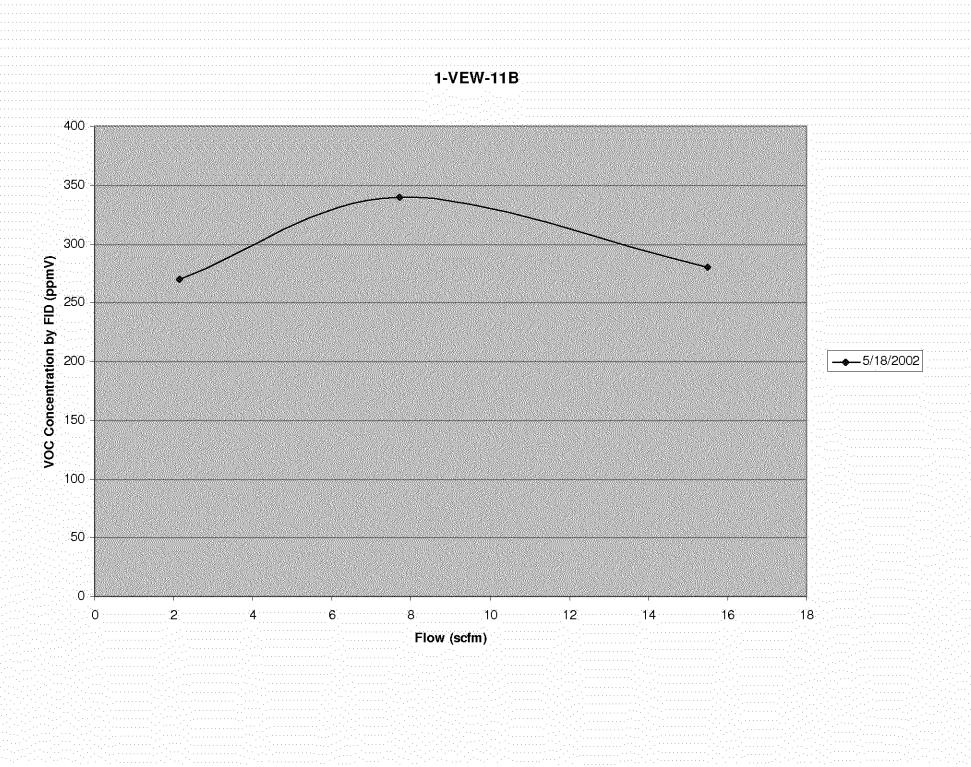


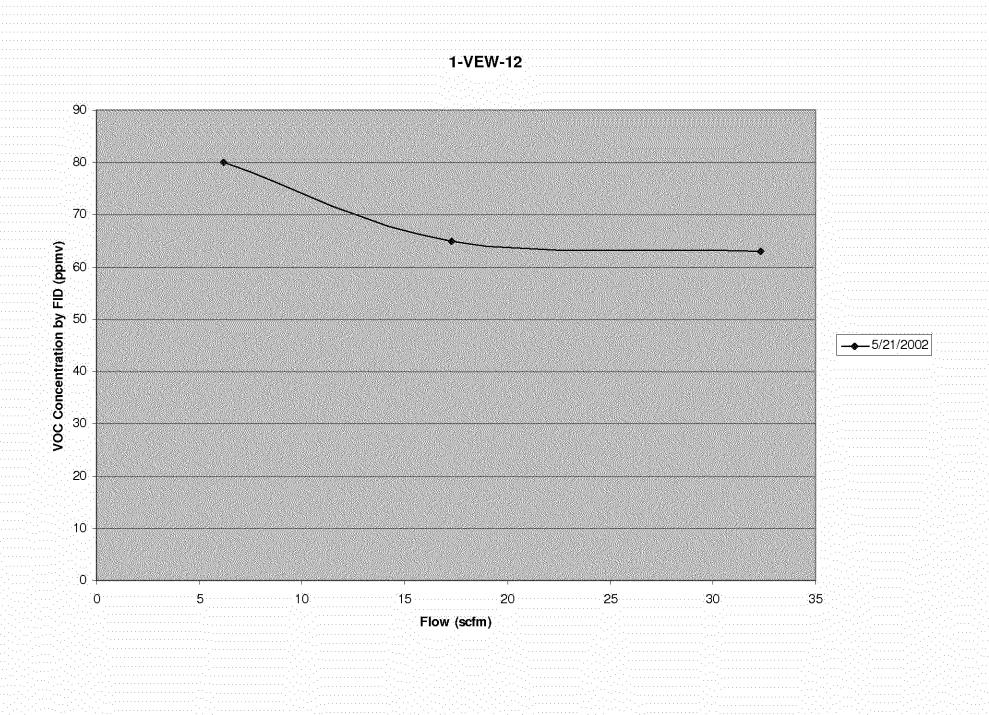


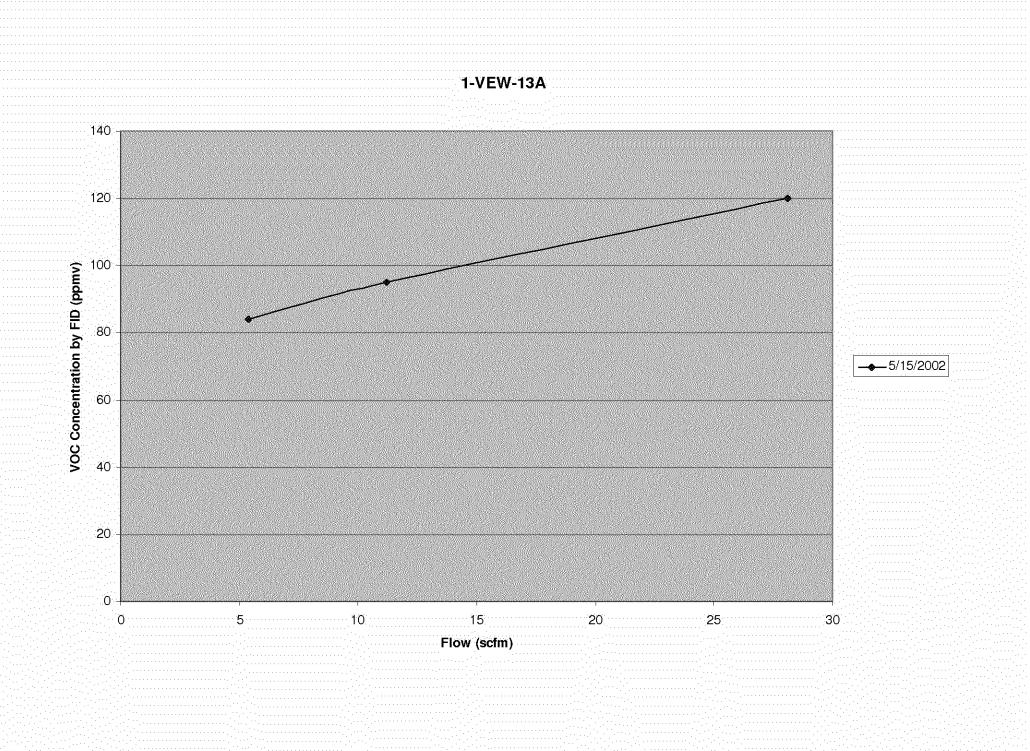


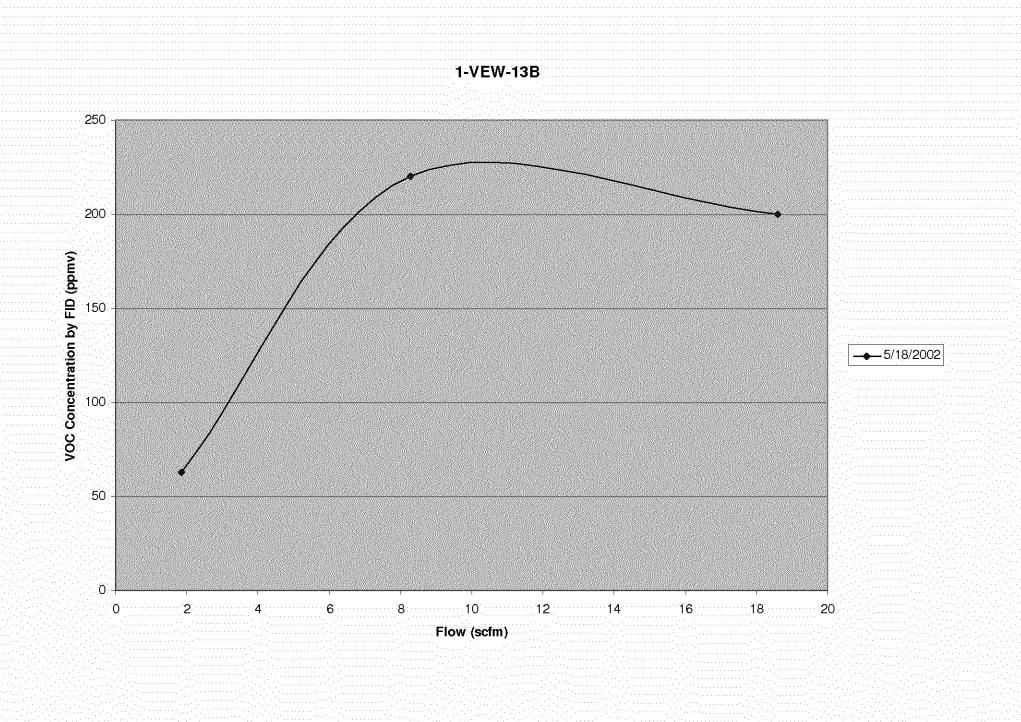


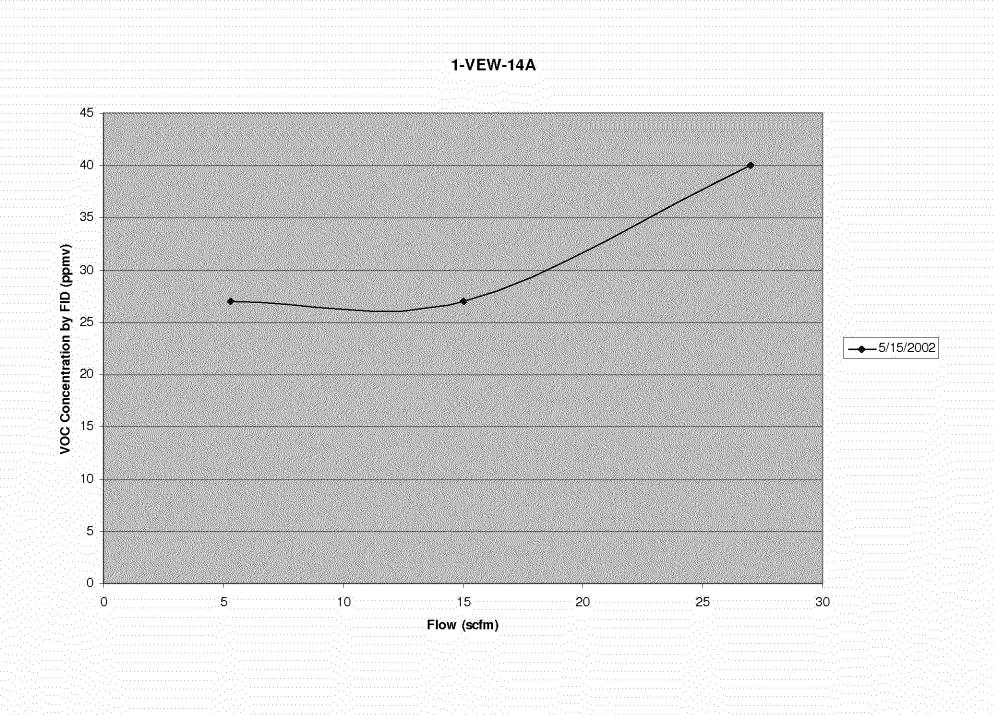


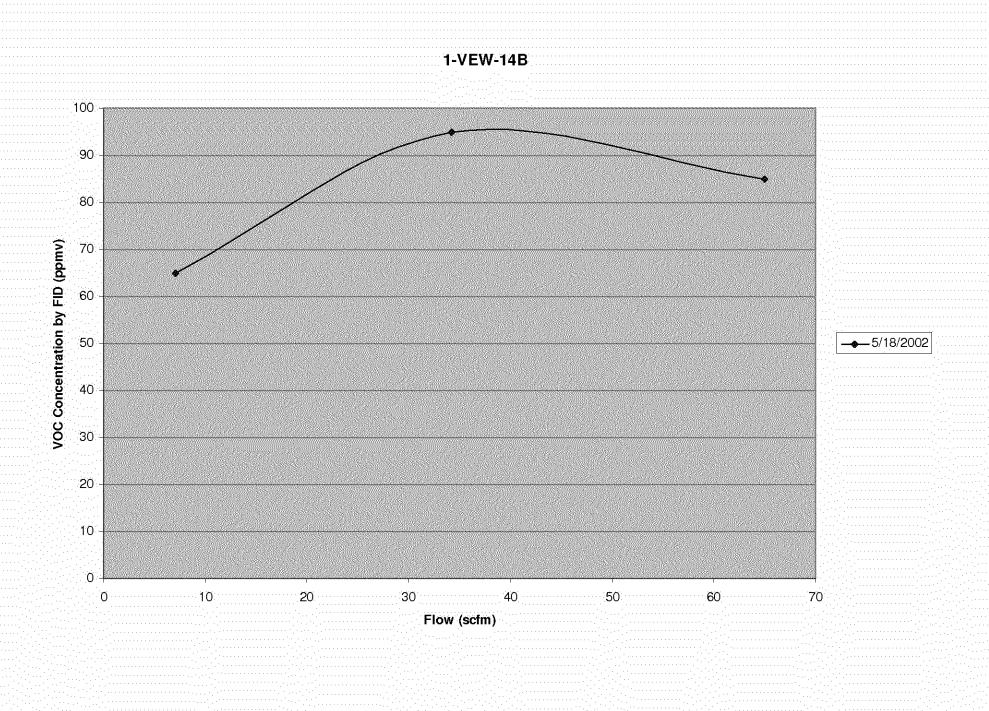


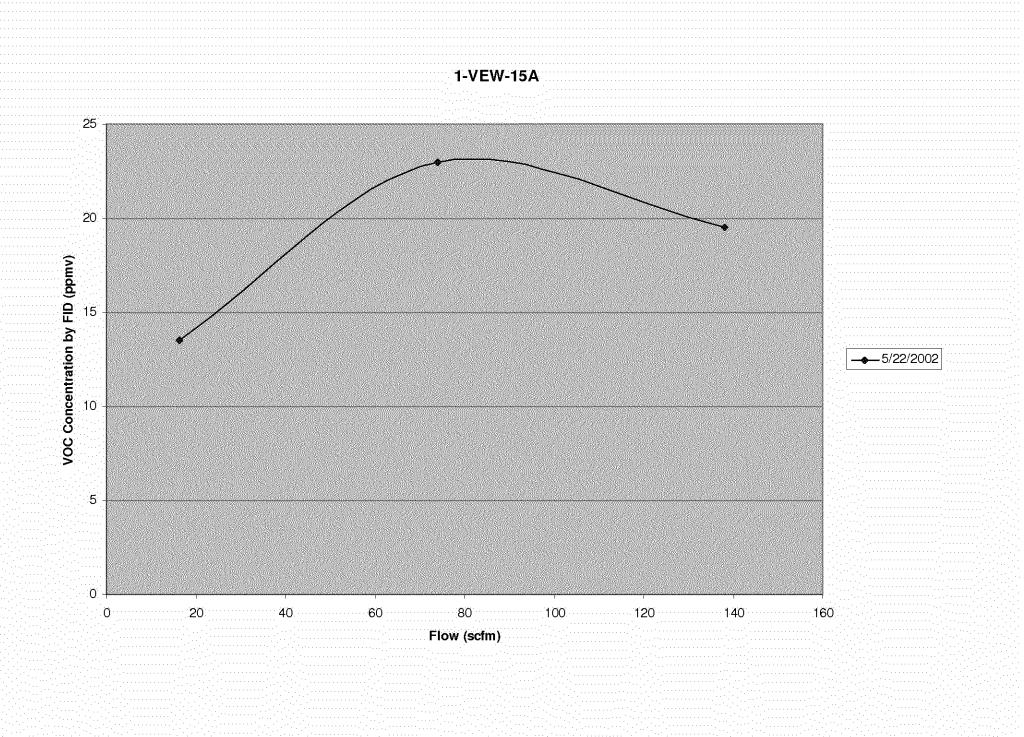


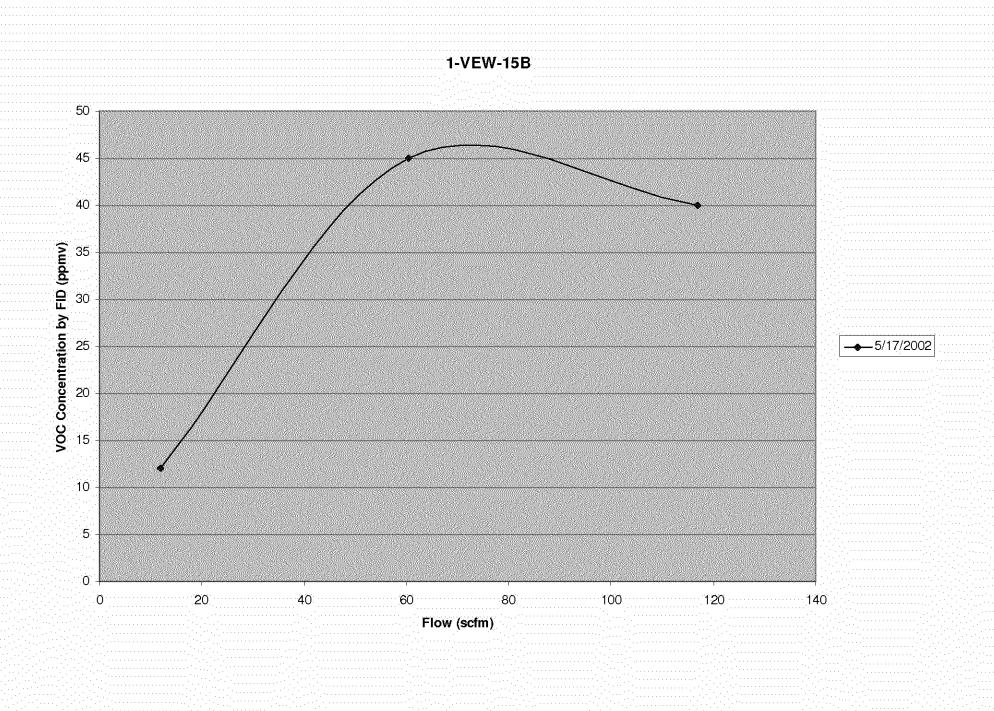


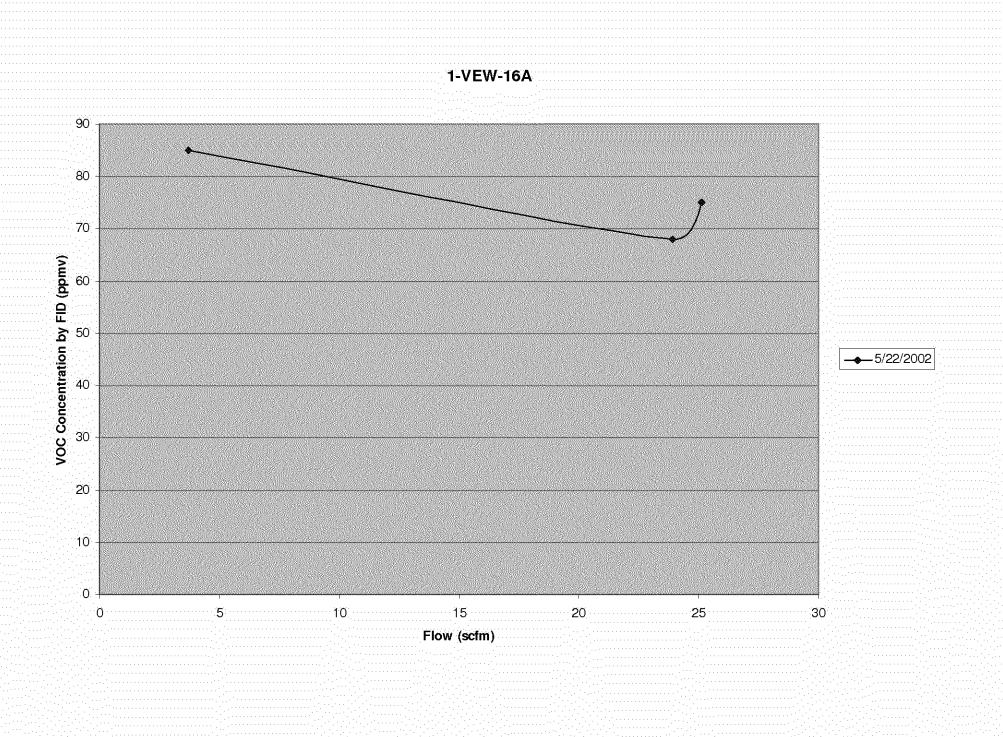


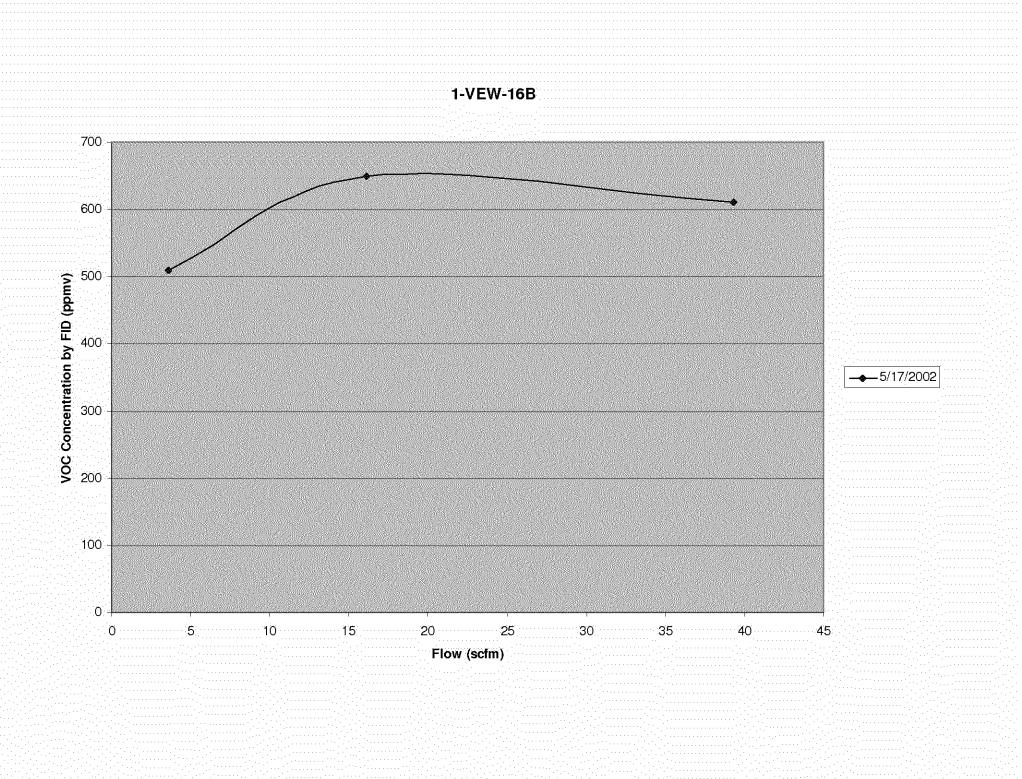


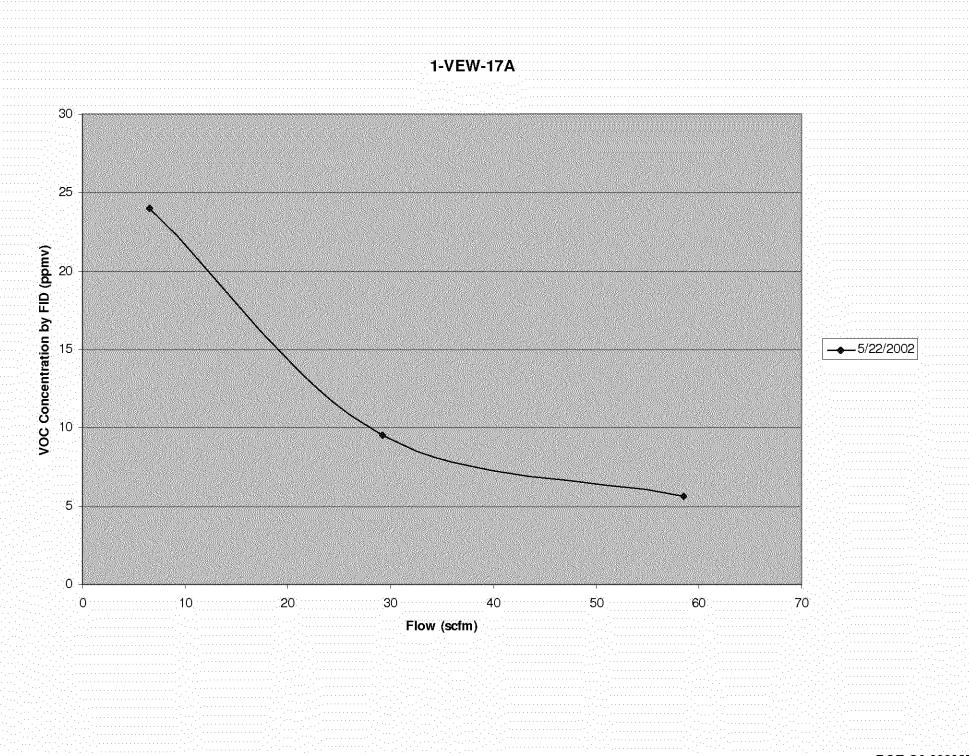


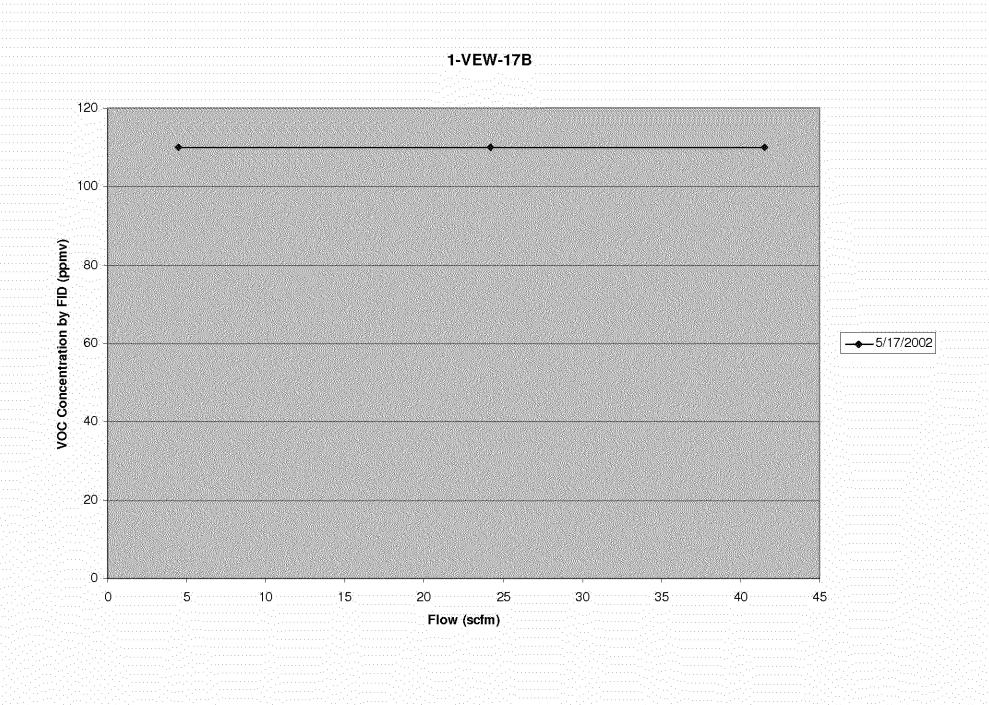


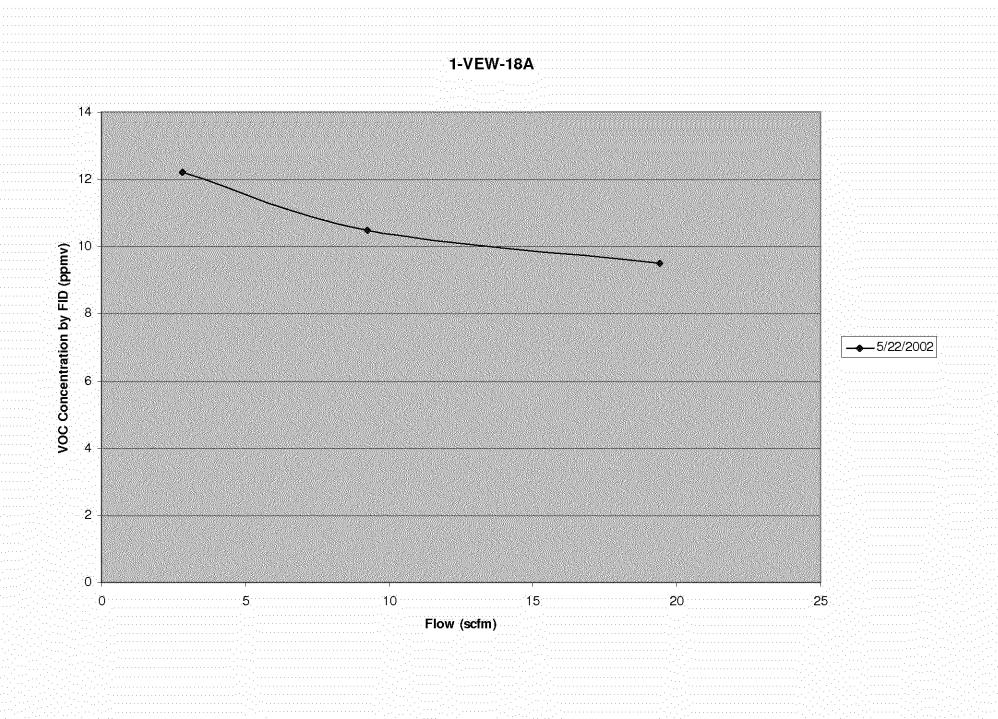


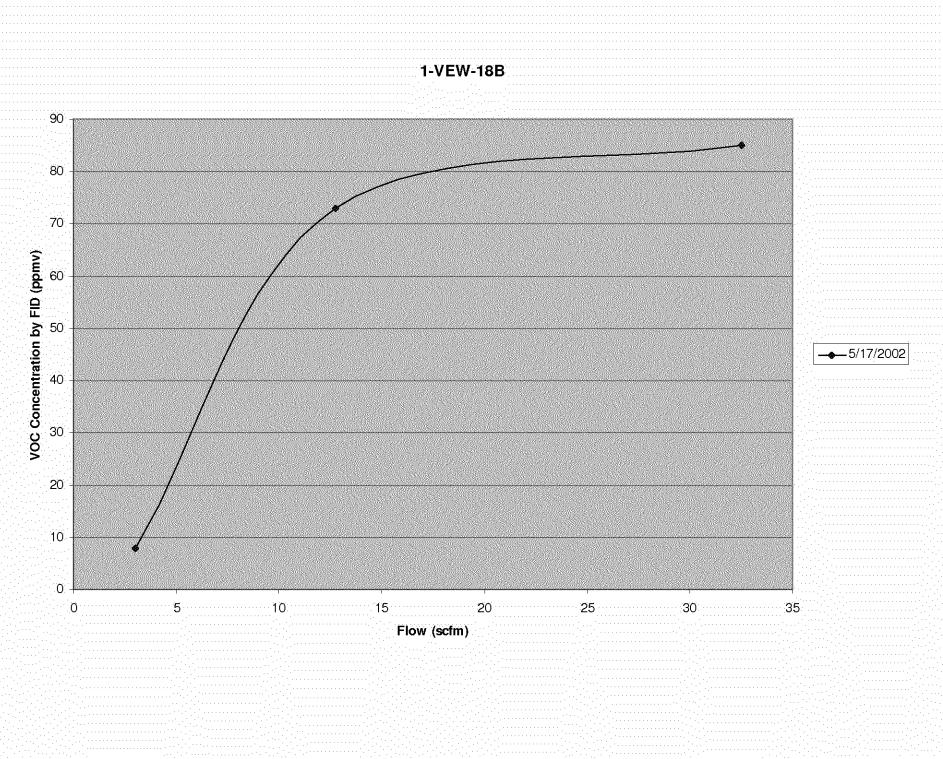


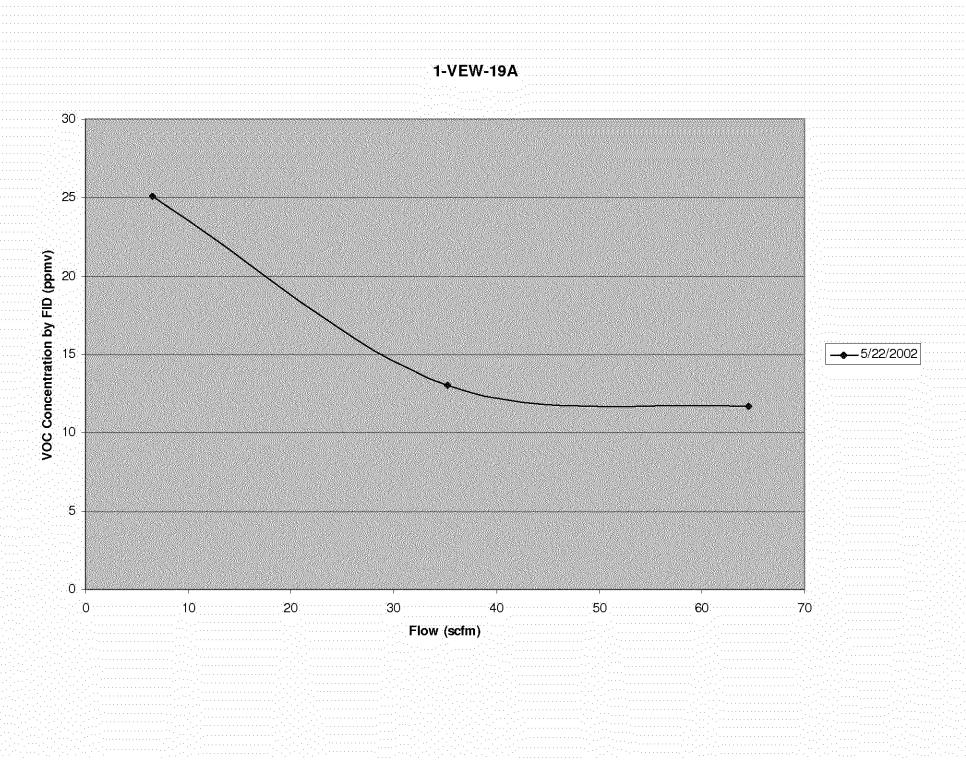


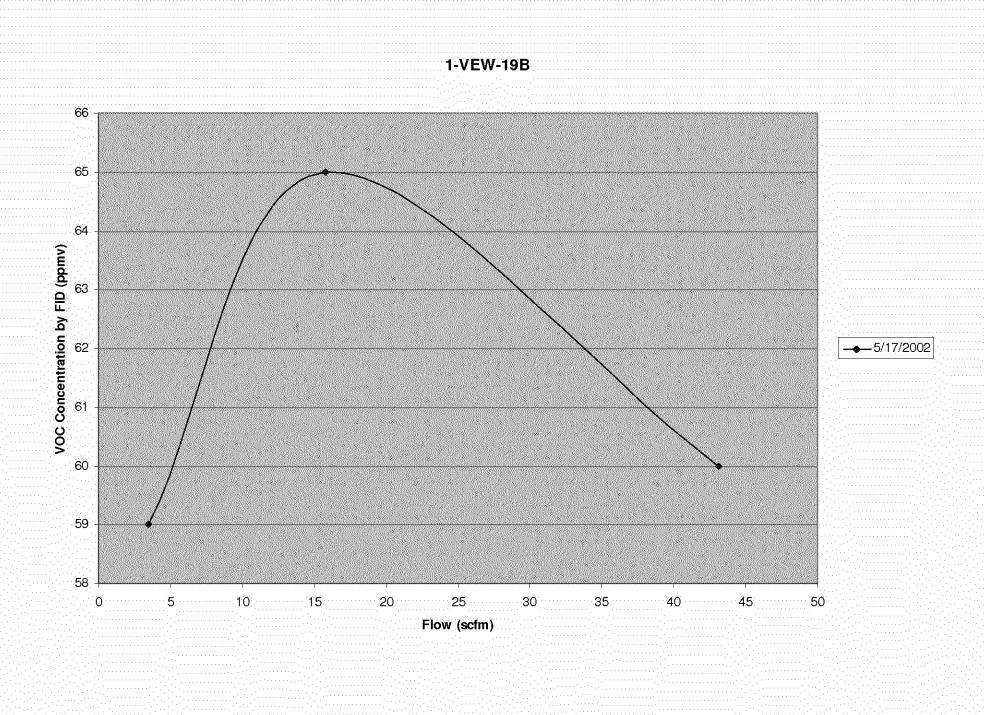


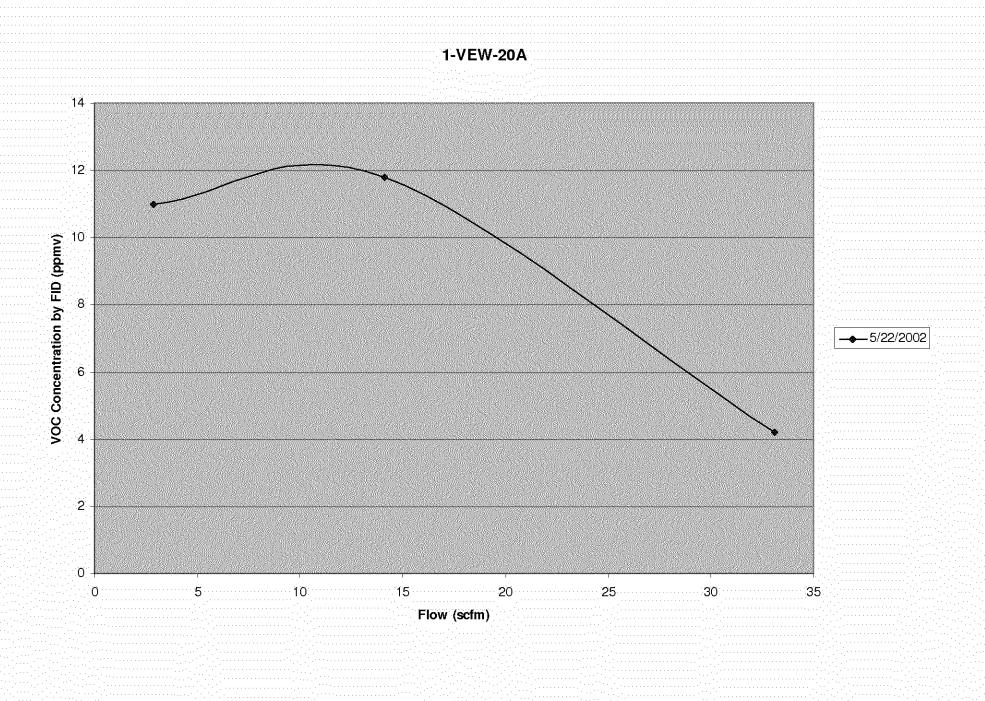


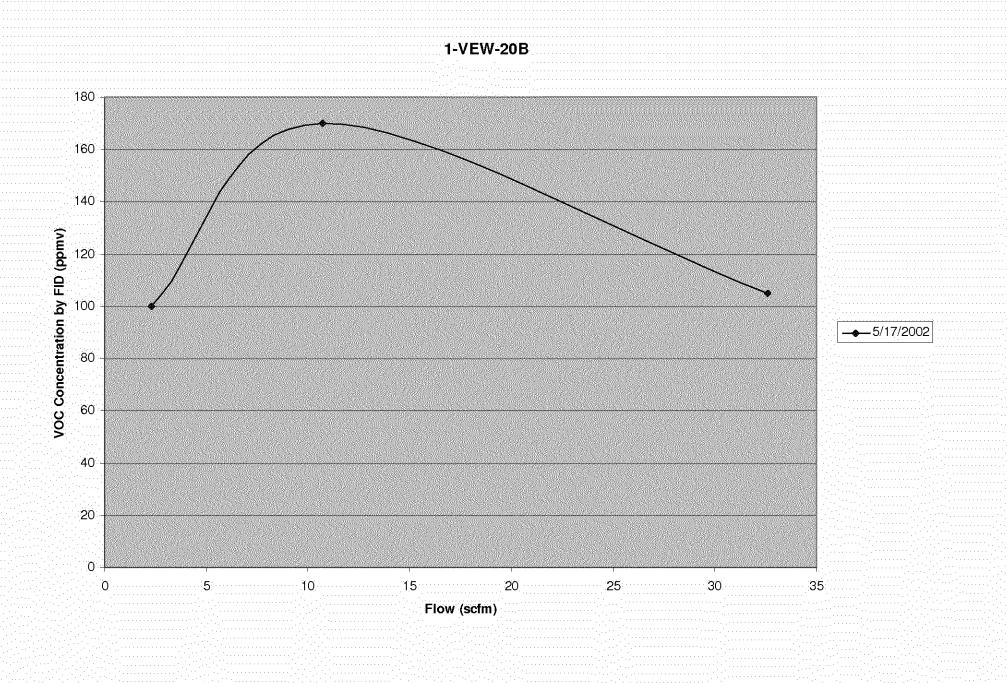




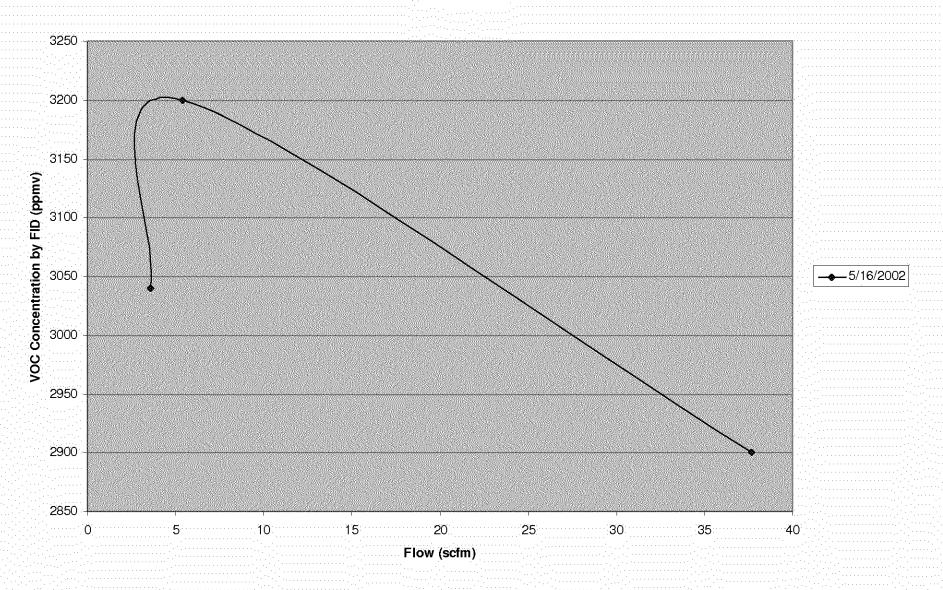


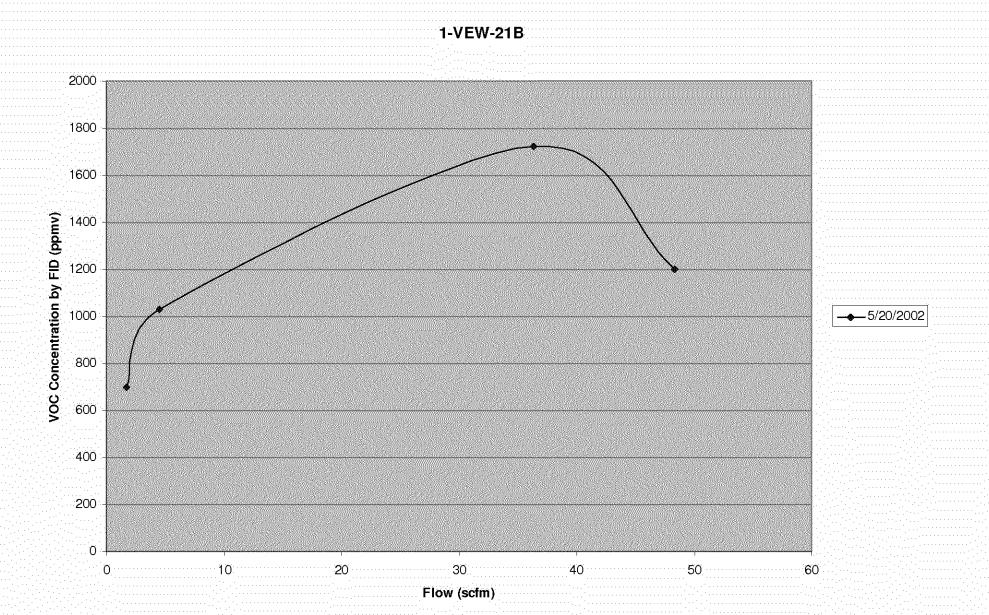


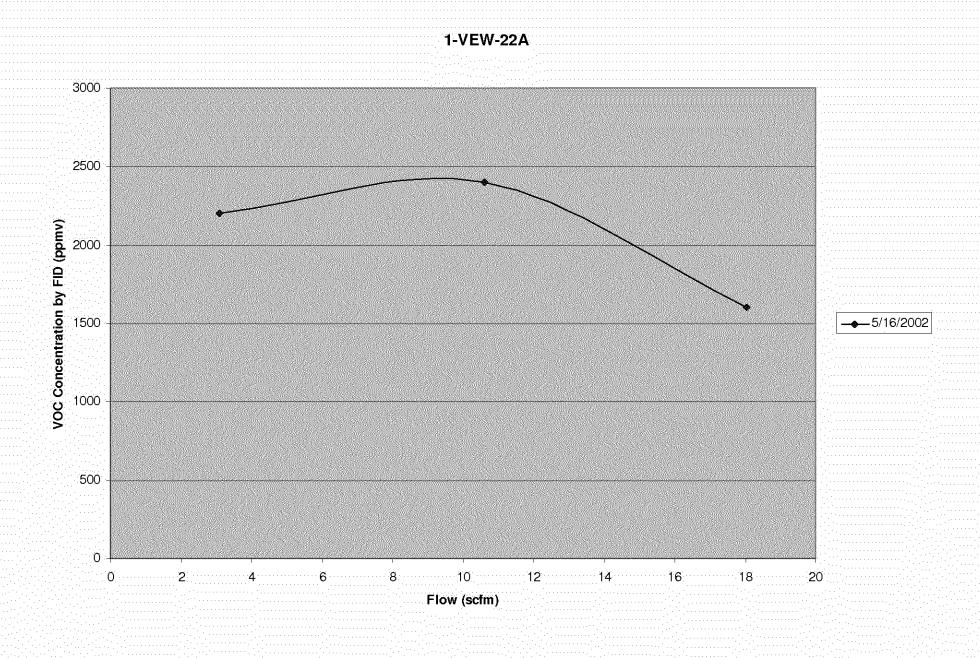


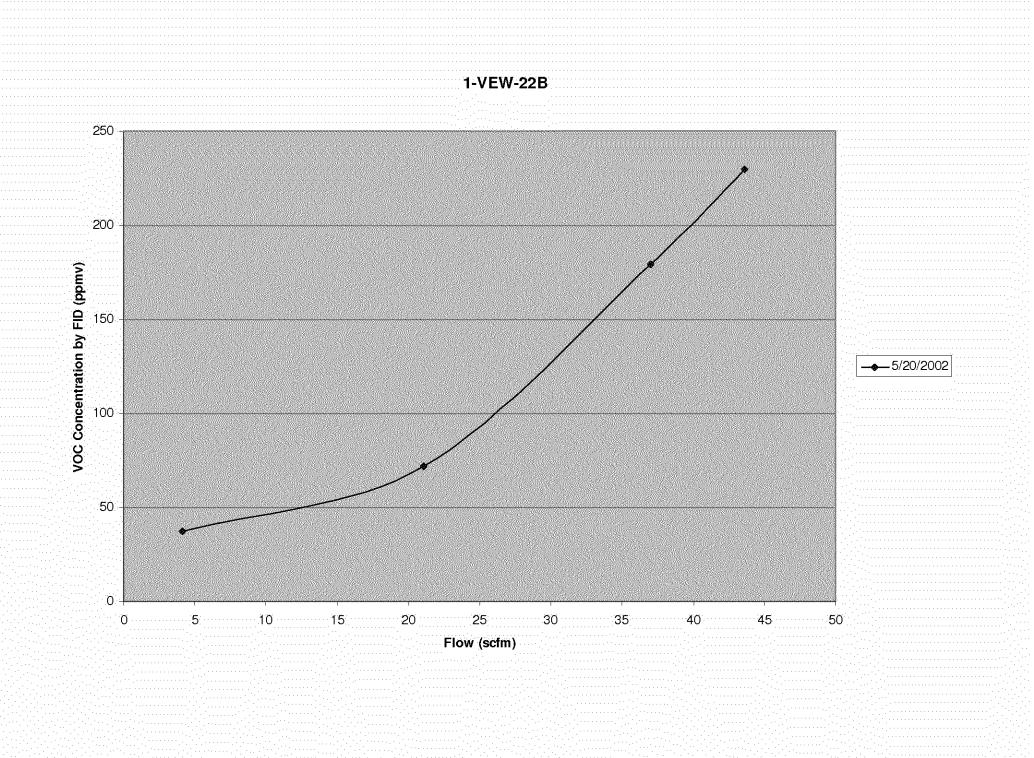


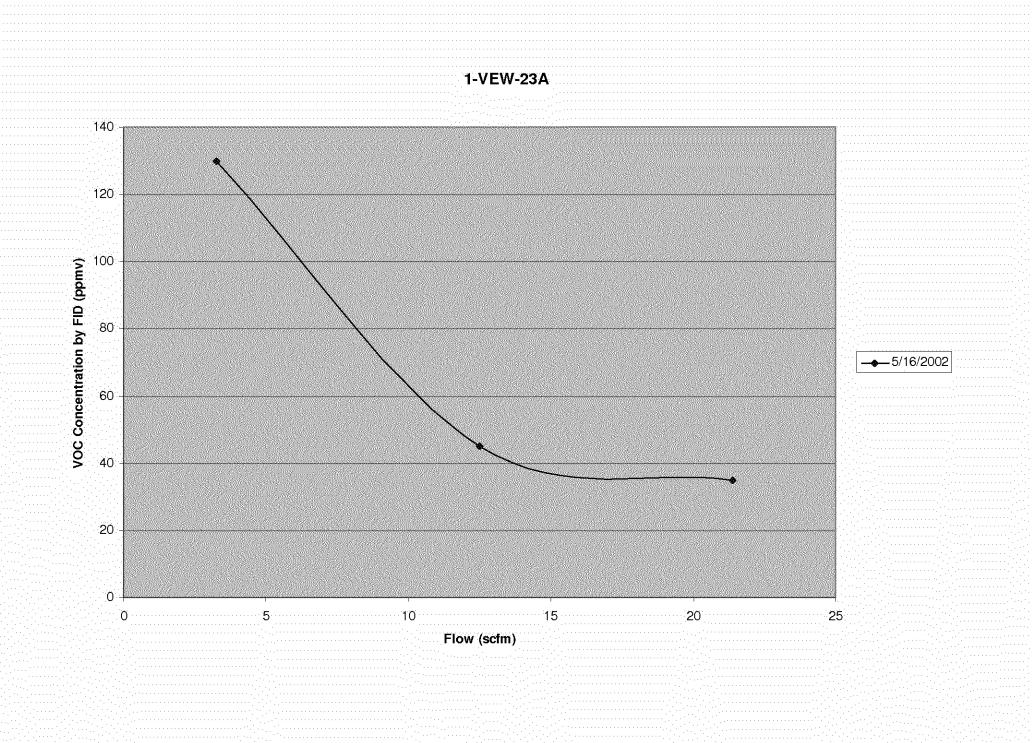


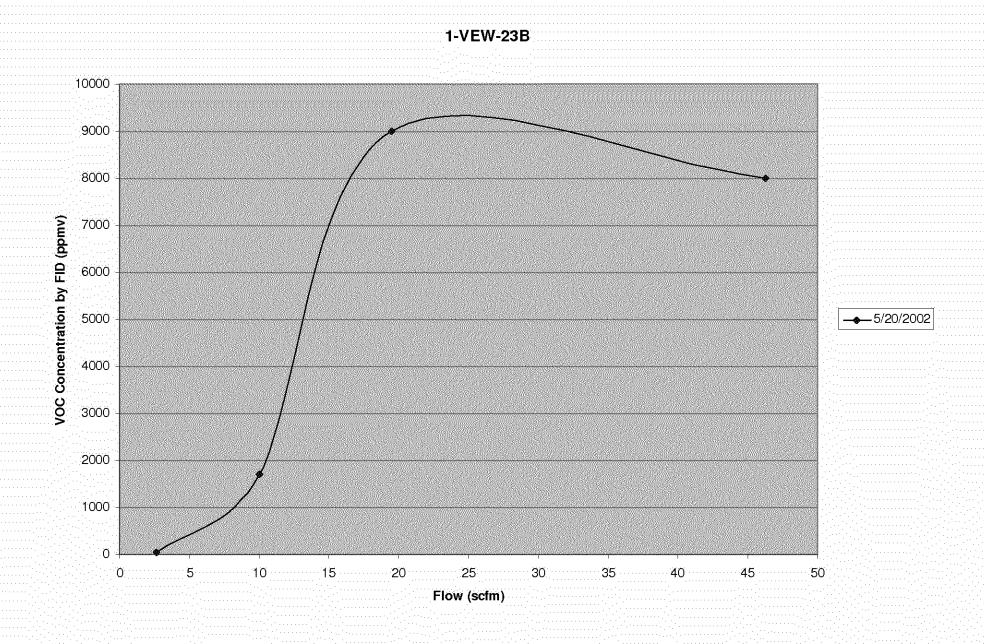


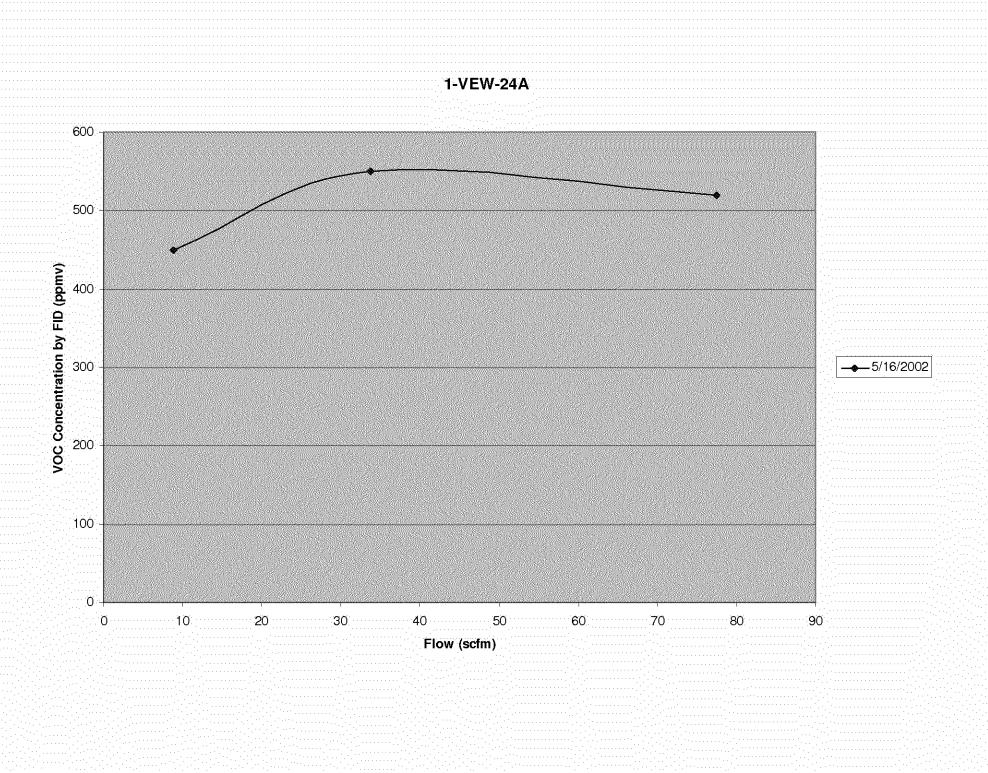


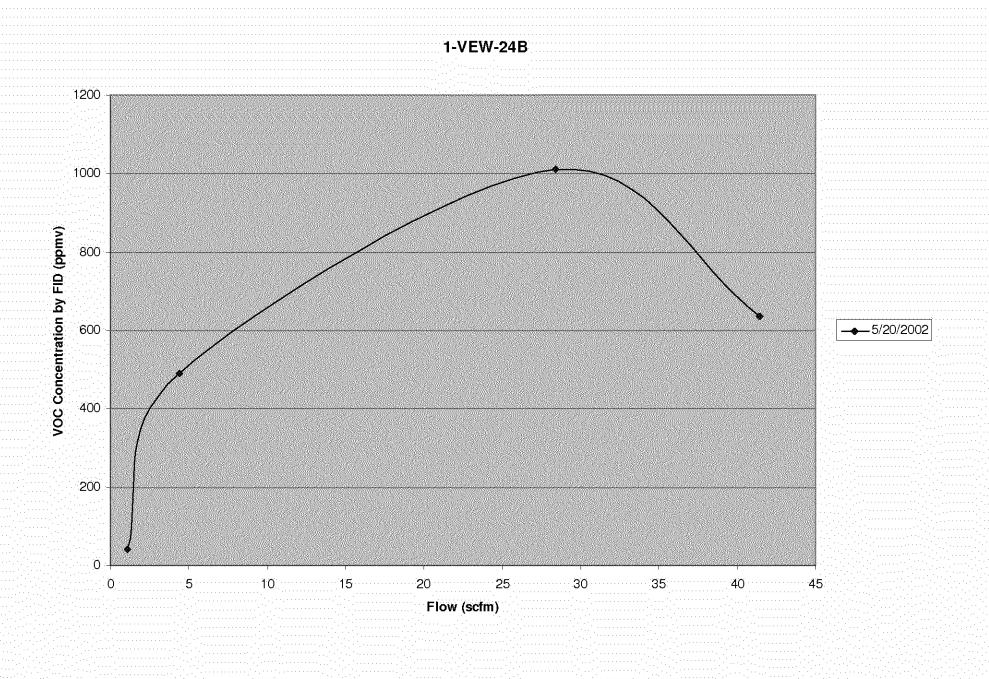


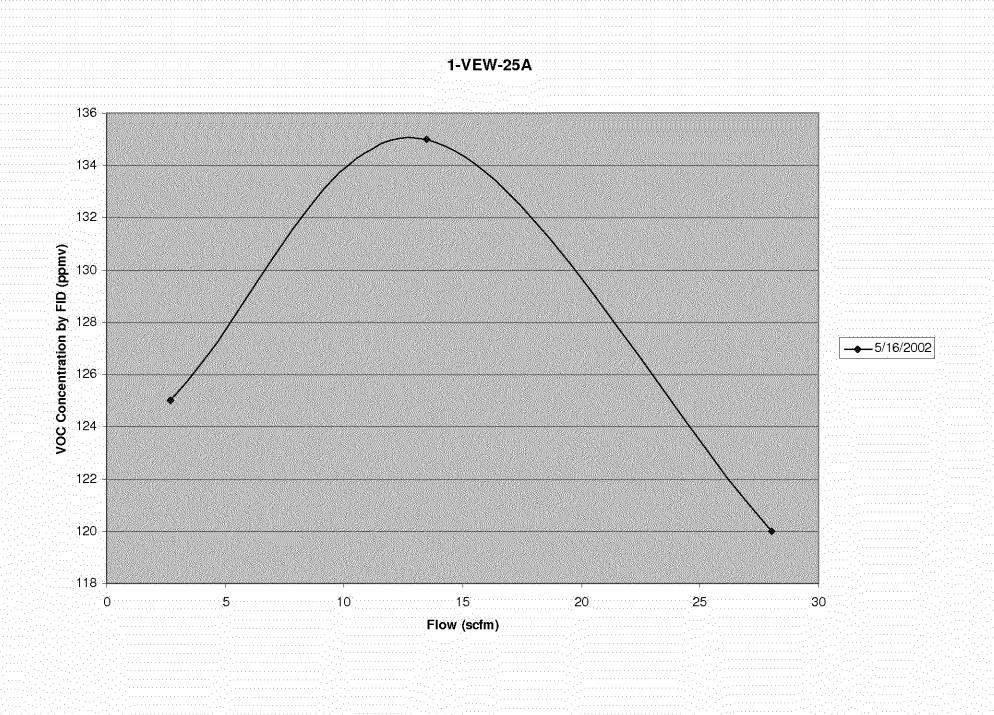


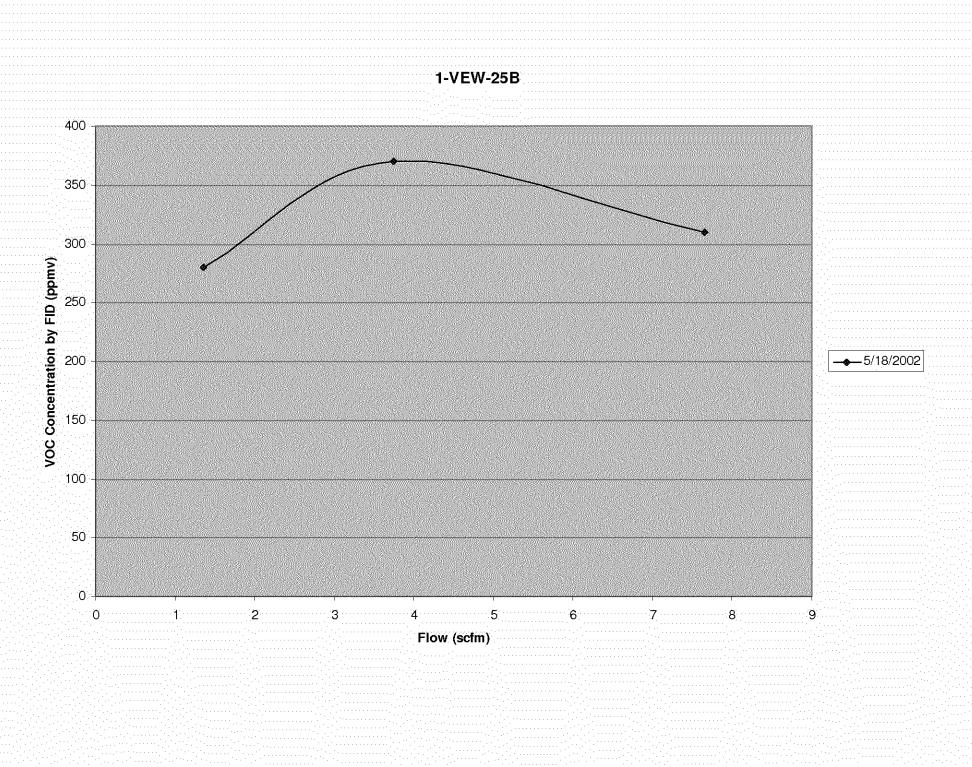


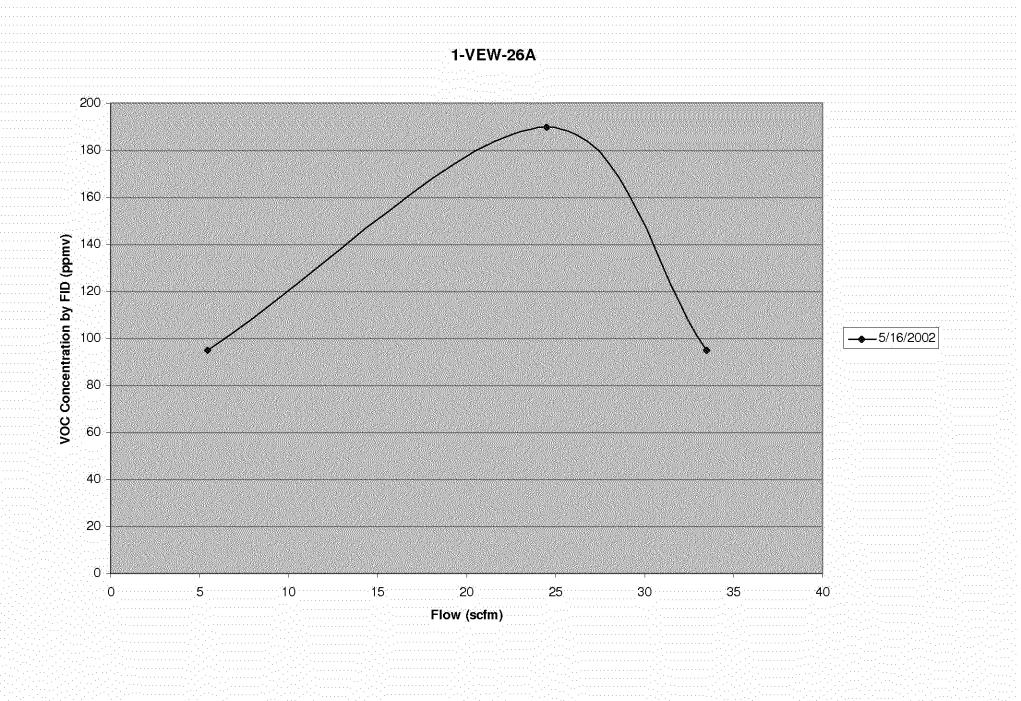


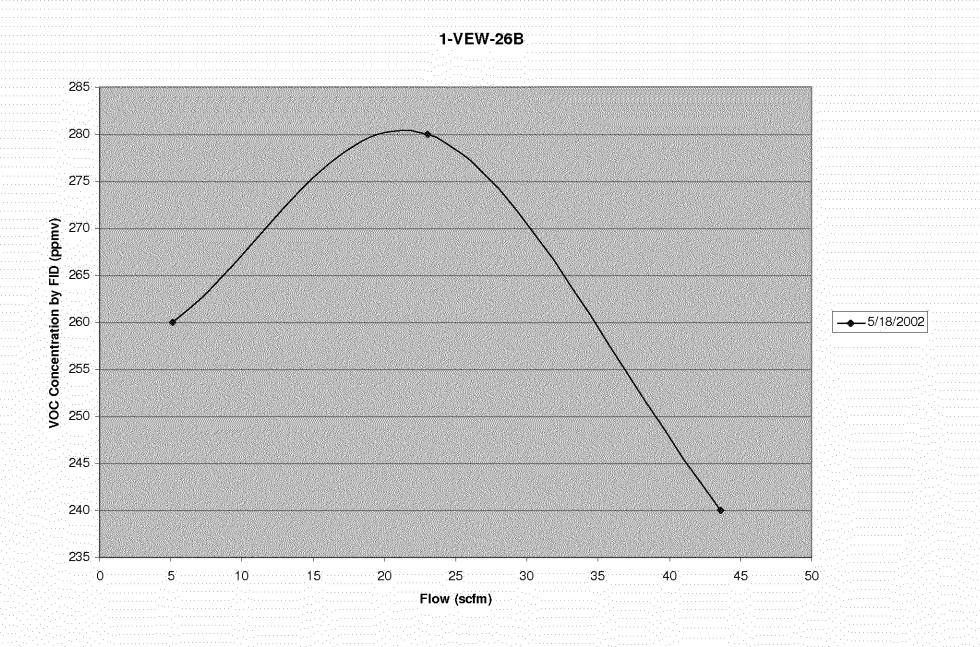












ATTACHMENT 2

BUILDING 2 SVE OPERATIONAL DATA

TABLE 4 - BUILDING 2 SVE SYSTEM INFLUENT LABORATORY DATA

Site Name: BRC Former C-6 Facility Location: Torrance, California System: Building 2 SVE system

| | SAMPLE DATE | 1/3/2002 | 2/6/2002 | 3/6/2002 | 4/4/2002 | 5/3/2002 | 6/4/2002 |
|-------------------------------|----------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------|---------------------------|---------------------------|
| COMPOUND | SAMPLE TYPE | Diluted Inlet | Diluted Inlet | Diluted Inlet | Inlet | Inlet | Inlet |
| COMICOND | LAB ID | DILUTED_INLET_ BLDG_2_01/03/02 | DILUTED_INLET_ BLDG_2_02/06/02 | DILUTED_INLET_ BLDG_2_03/06/02 | GAC0002D_ AV040402_001 | GAC0002D_ AV050302_001 | GAC0002D_ AV060402_001 |
| 1,1 Dichloroethene (ppbv) | | 660 | 2,800 | 1,500 | 1,700 | 1,600 | 1,300 |
| cis-1,2-Dichloroethene (ppbv) | | ND | 210 | 120 | 120 | 63 | 38 |
| 1,1-Dichlrorethane (ppbv) | | ND | 220 | 86 | 96 | 57 | 38 |
| 1,1,1 Trichloroethane (ppbv) | | 280 | 800 | 370 | 310 | 150 | 560 |
| Trichloroethene (ppbv) | | 7,500 | 31,000 | 26,000 | 19,000 | 13,000 | 6,100 |
| Tetrachloroethene (ppbv) | | 84 | 210 | 100 | 180 | 190 | 110 |
| Trichlorofluoromethane (ppbv) | | 19 | ND | ND | 45 | 44 | 23 |
| Chloroform (ppbv) | | ND | 130 | ND | 260 | 360 | 540 |
| Methylene Chloride (ppbv) | | ND | ND | 110 | 49 | ND | 18 |
| Toluene (ppbv) | | ND | ND | ND | ND | ND | 520 |
| Xylene (ppbv) | | ND | ND | ND | ND | ND | 18 |

| | SAMPLE DATE | 7/3/2002 | 8/15/2002 | 9/5/2002 | 10/1/2002 |
|--------------------------------|----------------|--------------|--------------|--------------|--------------|
| COMPOUND | SAMPLE TYPE | Inlet | Inlet | Inlet | Inlet |
| | LAB ID | GAC0002D_ | GAC0002D_ | GAC0002U_ | GAC0002U_ |
| | LADID | AV070302_001 | AV081502_001 | AV090502_001 | AV100102_001 |
| 1,1 Dichloroethene (ppbv) | | 1,100 | 830 | 660 | 690 |
| cis-1,2-Dichloroethene (ppbv) | | 29 | 25 | 16 | 13 |
| 1,1-Dichlrorethane (ppbv) | | 28 | 24 | 22 | 19 |
| 1,1,1 Trichloroethane (ppbv) | | 82 | 75 | 70 | 53 |
| Trichloroethene (ppbv) | | 3,800 | 4,900 | 4,000 | 2,600 |
| Carbon Tetrachloride (ppbv) | | 25 | 27 | 18 | 22 |
| Benzene (ppbv) | | ND | ND | ND | 33 |
| Ethylbenzene (ppbv) | | ND | ND | ND | 20 |
| Methyl Tert-butyl Ether (ppbv) | | ND | ND | 1 | 65 |
| Tetrachloroethene (ppbv) | | 80 | 180 | 120 | 81 |
| Dichlorodifluoromethane (ppbv) | | 12 | 9 | ND | 7 |
| Trichlorofluoromethane (ppbv) | | 30 | 21 | 17 | 19 |
| Chloroform (ppbv) | | 640 | 760 | 610 | 700 |
| Methylene Chloride (ppbv) | | 12 | 12 | 10 | 10 |
| Toluene (ppbv) | | 11 | ND | 11 | 220 |
| Xylene (ppbv) | | ND | ND | ND | 83 |

Notes:

ppbv = parts per billion by volume ND = Below method detction limits

Site Name: BRC F Location: Torrar System: Buildi

BRC Former C-6 Facility Torrance, California Building 2 SVE system

| DATE | HOUR METER | TIME | UNDILUTED FLOW RATE (1) | DILUTED INLET FLOW RATE (1) | VACUUM | DILUTED INFLUENT PID (2) | MID POINT CARBON PID (2) | EFFLUENT CARBON PID (2) | COMMENTS |
|----------|------------|-------|----------------------------|--------------------------------|-----------------|-----------------------------|-----------------------------|----------------------------|--------------------------|
| | | | (scfm) | (scfm) | (inches of H2O) | (ppmv) | (ppmv) | (ppmv) | |
| 1/3/2002 | 785 | 15:00 | 575 | 795 | 29 | 32 | 0.0 | 0.0 | |
| 01/10/02 | 953 | 15:00 | # 150 | 765 | 25 | 195 | 51.0 | 0.0 | GAC Changeout |
| 01/18/02 | 983 | 18:00 | 350 | 720 | 53 | 342 | 0.3 | 0.1 | - |
| 01/24/02 | 1124 | 15:10 | 360 | 735 | 52 | 380 | 40.2 | 0.0 | |
| 01/31/02 | 1220 | 15:48 | 400 | 765 | 38 | 960 | NR | 0.0 | Data after GAC Changeout |
| 02/01/02 | 1238 | 10:00 | 400 | 760 | 27 | 450 | 0.0 | 0.0 | |
| 02/06/02 | 1360 | 13:00 | 390 | 760 | 20 | 365 | 87.0 | 0.2 | GAC Changeout |
| 02/08/02 | 1385 | 9:20 | # 190 | 740 | 45 | 105 | 43.0 | 0.0 | - |
| 02/15/02 | 1553 | 11:00 | 400 | 730 | 27 | 270 | 10.7 | 0.0 | |
| 02/21/02 | 1693 | 8:07 | 400 | 705 | 41 | 437 | 71.0 | 0.0 | GAC Changeout |
| 02/27/02 | 1838 | 10:30 | 380 | 590 | 68 | 465 | 37.0 | 0.0 | |
| 03/06/02 | 2004 | 9:00 | 378 | 600 | 68 | 310 | 53.2 | 0.2 | GAC Changeout |
| 03/13/02 | 2173 | 14:35 | 375 | 590 | 67 | 259 | 28.0 | 0.0 | · · |
| 03/20/02 | 2334 | 10:45 | 400 | 655 | 67 | 220 | 10.3 | 0.2 | GAC Changeout |
| 03/29/02 | 2549 | 10:00 | 385 | 605 | 61 | 168 | 16.0 | 0.1 | · · |
| 04/01/02 | 2627 | 16:50 | 640 | 630 | 59 | 261 | 47.4 | 7.5 | |
| 04/02/02 | 2646 | 11:40 | 660 | 680 | 61 | 256 | 59.0 | 12.7 | GAC Changeout |
| 04/04/02 | 2650 | 17:00 | 675 | 710 | 54 | 264 | 0.0 | 0.3 | 5 |
| 04/05/02 | 2668 | 11:25 | 670 | 685 | 61 | 256 | 0.8 | 0.0 | |
| 04/06/02 | 2692 | 11:57 | 630 | 625 | 57 | 233 | 0.2 | 0.1 | |
| 04/07/02 | 2714 | 10:56 | 685 | 670 | 61 | 212 | 0.3 | 0.1 | |
| 04/08/02 | 2740 | 12:47 | 660 | 660 | 61 | 232 | 0.6 | 0.0 | |
| 04/09/02 | 2759 | 8:45 | 650 | 635 | 65 | 252 | 0.3 | 0.1 | |
| 04/10/02 | 2789 | 14:30 | 650 | 645 | 57 | 224 | 3.9 | 0.2 | |
| 04/11/02 | 2817 | 19:35 | 715 | 740 | 41 | 129 | 39.0 | 0.2 | |
| 04/12/02 | 2839 | 18:37 | 710 | 710 | 57 | 337 | 6.1 | 0.4 | |
| 04/17/02 | 2904 | 15:20 | 695 | 690 | 57 | 153 | * 4.8 | * 3.8 | |
| 04/23/02 | 3049 | 15:51 | 665 | 665 | 61 | 184 | * 9.4 | * 2.8 | |
| 05/03/02 | 3240 | 12:48 | 630 | 665 | 54 | 164 | * 2.6 | * 1.3 | GAC Changeout |
| 05/09/02 | 3391 | 19:10 | 645 | 640 | 54 | 158 | #* 23.0 | * 0.8 | C |
| 05/16/02 | 3549 | 8:43 | 675 | 660 | 61 | 145 | * 20.0 | * 2.8 | GAC Changeout |
| 05/23/02 | 3722 | 16:20 | 650 | 620 | 57 | 15.4 | * 14.0 | * 9.9 | 2 |
| 05/30/02 | 3887 | 14:00 | 645 | 610 | 57 | 19.1 | * 14.0 | * 13.0 | |
| 06/04/02 | 4005 | 12:00 | 630 | 620 | 57 | * 14.0 | * 19.0 | * 7.0 | |
| 06/13/02 | 4215 | 8:35 | 655 | 645 | 58 | * 18.2 | * 8.4 | * 2.0 | GAC Changeout |
| 06/20/02 | 4384 | 10:17 | 650 | 640 | 57 | * 10.0 | * 7.0 | * 1.0 | 5 |
| 06/27/02 | 4554 | 12:34 | 635 | 625 | 57 | * 12.8 | * 9.2 | * 6.5 | |
| 07/03/02 | 4697 | 11:00 | 630 | 625 | 55 | 42.8 | # 15.1 | # 14.2 | |
| 07/09/02 | 4837 | 14:17 | 640 | 620 | 57 | * 5.9 | * 0.9 | * 0.9 | |
| 07/15/02 | 4985 | 11:48 | 585 | 575 | 65 | * 9.1 | * 7.6 | * 2.0 | GAC Changeout |
| 07/23/02 | 5158 | 9:12 | 625 | 610 | 54 | * 13.8 | * 9.7 | * 0.0 | Ü |
| 07/30/02 | 5328 | 17:25 | 565 | 535 | 67 | * 10.0 | * 4.8 | * 3.4 | |
| 08/07/02 | 5518 | 15:15 | 555 | 550 | 54 | * 13.8 | * 10.0 | * 2.2 | |
| 08/15/02 | 5710 | 15:30 | 605 | 590 | 54 | * 7.0 | * 5.0 | * 4.0 | |
| 08/20/02 | 5826 | 11:28 | 590 | 585 | 59 | * 7.2 | * 3.2 | * 5.0 | |

Site Name: BRC Former C-6 Facility
Location: Torrance, California
System: Building 2 SVE system

| DATE | HOUR METER | TIME | UNDILUTED FLOW RATE (1) | DILUTED INLET FLOW RATE (1) | VACUUM | DILUTED INFLUENT PID (2) | MID POINT CARBON PID (2) | EFFLUENT CARBON PID (2) | COMMENTS |
|----------|------------|-------|----------------------------|--------------------------------|-----------------|-----------------------------|-----------------------------|----------------------------|---------------|
| | | | (scfm) | (scfm) | (inches of H2O) | (ppmv) | (ppmv) | (ppmv) | |
| 08/27/02 | 5992 | 9:40 | 585 | 585 | 58 | * 5.6 | * 3.1 | * 2.5 | GAC Changeout |
| 09/05/02 | 6164 | 10:45 | 565 | 565 | 64 | * 2.5 | * 0.8 | * 0.4 | |
| 09/13/02 | 6358 | 12:45 | 590 | 575 | 57 | * 5.0 | * 1.7 | *2.4 | |
| 09/19/02 | 6503 | 13:20 | 565 | 570 | 57 | * 5.8 | * 2.0 | * 7.8 | |
| 09/25/02 | 6640 | 7:02 | 635 | 625 | 53 | * 8.0 | * 7.0 | * 6.0 | GAC Changeout |
| 10/01/02 | 6790 | 15:21 | 625 | 625 | 53 | * 6.0 | * 4.4 | * 6.5 | |
| 10/09/02 | 6790 | 9:43 | 620 | 615 | 53 | * 2.8 | * 1.6 | * 0.2 | |

Notes:

- (1) Direct flow readings taken by hand-held TSI Veloci-calc Plus
- (2) Measurements taken with a MiniRae 2000 PID calibrated to 100 ppmv Hexane, results as Hexane unless otherwise noted
- # Readings reading not considered representative of actual concentrations due to mositure or vacuum interference

^{*} Measurements taken with Foxboro OVA-128 calibrated to Hexane. Results as Hexane.

| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
|----------|---|---|---|--|------------|--|---------------------------------|
| 2-VEW-1A | 11/27/2001 | 13:00 | 39 | 20 | | 1,200 | Well Closed 11/28/01-1/2/ |
| | 1/3/2002 | 15:00 | NA | 22 | | 140 | Well Opened |
| | 1/10/2002 | 15:00 | NA | 1.3 | | NA 040 | |
| | 1/18/2002 1/24/2002 | 18:00 15:10 | 39 | 48 1.7 | | 340 NA | |
| | 1/31/2002 | 15:10 | 30 | 31 | | 200 | |
| | 2/1/2002 | 10:00 | 22 | 23 | | 96 | |
| | 2/6/2002 | 13:00 | 16 | 16 | | 180 | - |
| | 2/15/2002 | 11:00 | 20 | 19 | | 98 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 45 | | 12 | - |
| | 3/29/2002 3/30/2002 | 14:20 10:58 | 3.2 | 9.5 | | NA NA | |
| | 3/31/2002 | 10:58 | 0.5 | 11 11 | | NA NA | |
| | 4/1/2002 | 16:50 | NA. | 11 | | NA NA | - |
| | 4/2/2002 | 11:40 | NA | 11 | | NA | - |
| | 4/4/2002 | 17:00 | NA | 8.4 | | NA | - |
| | 4/5/2002 | 11:30 | NA | 10.5 | | NA | - |
| | 4/6/2002 | 12:00 | NA NA | 10 | | NA | |
| | 4/7/2002 4/8/2002 | 11:00 12:45 | NA NA | 11 10 | | NA NA | |
| | 4/9/2002 | 8:45 | NA. | 13 | | NA NA | - |
| | 4/10/2002 | 14:30 | NA | 12 | | NA | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | |
| | 4/12/2002 | 18:37 | NA | 8 | | NA | - |
| | 4/17/2002 | 15:20 | NA | 4.5 | | NA | - |
| | 4/23/2002 | 15:51 | NA | 10 | | NA | - |
| | 5/3/2002 | 12:48 | NA | 5 | | NA | |
| | 5/9/2002 5/23/2002 | 19:10 16:20 | NA NA | 10.5 | | NA NA | |
| | 6/13/2002 | 8:35 | NA NA | 11 | | NA NA | |
| | 6/20/2002 | 10:17 | NA NA | 11 | | NA NA | - |
| | 6/27/2002 | 12:34 | NA | 10 | | NA | |
| | 7/3/2002 | 11:00 | NA | 10 | | NA | - |
| | 7/9/2002 | 14:17 | NA | 11 | | NA | |
| | 7/15/2002 | 11:48 9:12 | NA NA | 12 11 | | NA NA | |
| | 7/23/2002 7/30/2002 | 13:35 | NA NA | NA. | | NA NA | |
| | 8/7/2002 | 15:15 | NA. | NA. | | NA. | |
| | 8/15/2002 | 15:30 | NA | 9 | | NA | - |
| | 8/20/2002 8/27/2002 | 11:28 | NA | 8 | | NA | |
| | 8/27/2002 | 9:40 | NA | 8 | | NA | |
| | 9/5/2002 | 10:45 | NA | 8 | | NA | |
| | 9/13/2002 9/19/2002 | 12:45 13:20 | NA NA | 9 | | NA NA | |
| | 9/25/2002 | 7:02 | 39.2 | 30 | | 1NA. 3 | |
| | 10/1/2002 | 15:51 | NA | 10 | | NA | |
| | 10/9/2002 | 9:43 | NA | 11 | | NA | - |
| 2-VEW-1B | 11/27/2001 | 13:00 | 11 | 17 | | 9,999 | Well Closed 11/28/01-1/2/ |
| | 1/3/2002 | 15:00 15:00 | NA | 29 | | 2,800 | Well Opened |
| | 1/10/2002 1/18/2002 | 18:00 | NA NA | 1.6 2.9 | | NA NA | Well Closed |
| | 1/24/2002 | 15:10 | 17 | 48 | | 9,999 | - Tea Closed |
| | 1/31/2002 | 15:48 | 8 | 31 | | 9,999 | |
| | 2/1/2002 | 10:00 | 10 | 23 | | 6,500 | - |
| | | 13:00 | 5.3 | 16 19 | | 6,800 | |
| | 2/L/2002 2/6/2002 | | | | | | |
| | 2/15/2002 | 11:00 | 5.5 | | | 3,980 | |
| | 2/15/2002 2/27/2002 | 11:00 10:30 | 14.2 | 52 | | 4,230 | - |
| | 2/15/2002 2/27/2002 3/6/2002 | 11:00 10:30 9:00 | 14.2 8.5 | 52 | | 4,230 2,790 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 | 11:00 10:30 9:00 14:35 | 14.2 8.5 9 | 52 48 50 | | 4,230 2,790 4,240 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 | 14.2 8.5 9 12 10.1 | 52 48 50 50 54 | | 4,230 2,790 4,240 1,300 1,800 | - - - - Well Opened |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 3/25/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 | 14.2 8.5 9 12 10.1 18.1 | 52 48 50 50 54 46 | | 4,230 2,790 4,240 1,300 1,800 1,350 | - - - - Well Opened |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 3/29/2002 3/30/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 | 14.2 8.5 9 12 10.1 18.1 9 | 52 48 50 50 54 46 48 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 | Well Opened |
| | 2/15/2002 2/27/2002 3/6/2002 3/15/2002 3/20/2002 3/29/2002 3/29/2002 3/30/2002 3/31/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 | 14.2 8.5 9 12 10.1 18.1 9 8.4 | 52 48 50 50 54 46 48 48 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 | Well Opened |
| | 215/2002 2/27/2002 3/6/2002 3/13/2002 3/29/2002 3/29/2002 3/39/2002 3/31/2002 4/1/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 | 14:2 8:5 9 12 10:1 18:1 9 8:4 7:4 | 52 48 50 50 54 46 48 48 49 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 | Well Opened |
| | 2/15/2002 2/27/2002 3/6/2002 3/15/2002 3/20/2002 3/29/2002 3/29/2002 3/30/2002 3/31/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 | 14.2 8.5 9 12 10.1 18.1 9 8.4 | 52 48 50 50 54 46 48 48 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 | Well Opened |
| | 21.5/2002 2/27/2002 3/6/2002 3/13/2002 3/13/2002 3/29/2002 3/29/2002 3/30/2002 3/31/2002 4/2/2002 4/4/2002 4/5/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 | 52 48 50 50 54 46 48 48 49 51 47 | | 4.230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 1,475 1,535 1,565 1,720 | Well Opened. |
| | 21.5/2002 2/2772002 3/15/2002 3/13/2002 3/20/2002 3/25/2002 3/25/2002 3/30/2002 4/1/2002 4/2/2002 4/5/2002 4/5/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 | 52 48 50 50 54 46 48 48 49 51 47 49 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 1,475 1,535 1,555 1,720 1,429 | |
| | 2115/2002 2277/2002 3/67/2002 3/13/2002 3/20/2002 3/20/2002 3/20/2002 3/31/2002 4/1/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 | 52 48 50 50 54 46 48 49 51 47 49 49 | | 4,230 2,790 4,240 1,300 1,800 1,350 1,478 1,744 1,475 1,535 1,565 1,770 1,429 1,474 | Well Opened |
| | 2115/2002 22/7/2002 3/6/2002 3/13/2002 3/13/2002 3/29/2002 3/39/2002 3/39/2002 3/39/2002 4/1/2002 4/1/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 | 11:00 10:30 9:00 14:35 10:45 10:50 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 17 | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 | | 4.230 2.790 4.240 1.300 1.800 1.359 1.478 1.744 1.475 1.535 1.756 1.720 1.429 1.474 1.434 | - |
| | 2115/2002 22/17/2002 3/6/2002 3/13/2002 3/20/2002 3/20/2002 3/29/2002 3/30/2002 4/1/2002 4/1/2002 4/4/2002 4/6/2002 4/6/2002 4/8/2002 4/8/2002 4/8/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 17 9.2 6.5 | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 | | 4.230 2.790 4.240 1.300 1.800 1.850 1.478 1.744 1.475 1.555 1.750 1.472 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 1.474 | Well Opened |
| | 2115/2002 3/6/2002 3/6/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/30/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 | 11:00 10:30 9:00 14:35 10:45 10:50 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 12:45 8:45 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 17 9.2 6.5 | 52 48 50 50 54 46 48 48 49 51 47 49 49 50 50 51 | | 4.230 2.790 4.240 1.300 1.800 1.850 1.478 1.474 1.474 1.475 1.535 1.724 1.429 1.474 1.494 1.654 | - |
| | 215,0002 347,2002 313,2002 329,000 329,000 329,000 329,000 329,000 347,2002 447,2002 447,2002 447,2002 487,2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 | 14.2 8.5 9 112 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 117 9.2 6.5 6.2 NA | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 | | 4.230 2.790 4.240 1.300 1.800 1.800 1.550 1.478 1.744 1.475 1.555 1.555 1.720 1.429 1.474 1.434 1.684 1.685 1.684 | - |
| | 21.5/2002 36/2002 31.3/2002 31.3/2002 32.9/2002 32.9/2002 32.9/2002 34.9/2002 41/2002 44/2002 46/2002 46/2002 41/200 41/200 41/200 41/200 41/200 41/200 41/200 41/200 41/200 41/200 | 11:00 9:00 14:35 10:45 10:00 14:25 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 10.7 9.2 6.5 6.2 NA 9.4 9.4 | 52 48 50 50 54 46 48 48 48 49 51 47 49 49 50 51 49 49 | | 4.230 2.790 4.240 1.300 1.800 1.800 1.353 1.754 1.745 1.555 1.720 1.479 1.474 1.484 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 1.884 | - |
| | 2115/2002 34/22002 34/32002 3113/2002 329/2002 329/2002 329/2002 3412/2002 44/22002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:20 15:20 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 9.4 10.8 17 9.2 6.5 6.2 NA 9.4 9.9 | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 51 49 NA 49 49 NA | | 4,230 2,790 4,240 1,300 1,800 1,800 1,550 1,478 1,478 1,475 1,555 1,720 1,429 1,424 1,454 1,654 1,655 NA NA 1,439 NA | - |
| | 21.5/2002 36/2002 31.5/2002 31.5/2002 32.5/2002 32.5/2002 32.5/2002 34.5/2002 41.7/2002 44.7/2002 44.7/2002 46.7/2002 47.7/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:00 12:00 11:00 12:05 12:45 14:20 19:35 14:30 19:35 14:51 1 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 17 9.2 6.5 6.2 NA 9.4 9.4 | 52 48 50 50 54 46 48 48 49 51 47 49 49 50 50 51 49 NA 49 43 50 41.5 | | 4.230 2.790 4.240 1.300 1.800 1.803 1.704 1.704 1.755 1.555 1.720 1.429 1.474 1.484 1.685 1.535 NA NA NA 642 | - |
| | 21.5/2002 26/7/2002 36/5/2002 31.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 41/2002 44/2002 46/2002 46/2002 46/2002 46/2002 46/2002 46/2002 47/2002 48/2002 48/2002 48/2002 48/2002 48/2002 48/2002 48/2002 48/2002 56/2002 56/2002 56/2002 56/2002 56/2002 56/2002 56/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:20 11:20 11:20 11:20 11:20 11:20 11:24 15:25 14:30 15:31 15:31 15:31 15:31 15:31 15:31 15:31 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.3 10.7 2.2 6.5 6.2 NA 9.4 9.4 9.4 9.5 11.8 | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 50 51 81 49 49 49 49 49 49 50 50 50 50 50 60 60 60 60 60 60 60 60 60 60 60 60 60 | | 4,230 2,790 4,240 1,300 1,800 1,800 1,550 1,478 1,744 1,475 1,555 1,555 1,720 1,429 1,424 1,454 1,654 NA 1,439 NA 642 755 | |
| | 21.5/2002 3/6/2002 3/1.3/2002 3/1.3/2002 3/2.3/2002 3/2.3/2002 3/3/2002 3/3/2002 3/3/2002 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/200 4/4/2 | 11:00 10:30 9:00 14:55 10:45 10:045 10:03 14:20 10:38 10:31 11:00 11:00 11:00 12:45 14:30 19:35 18:37 15:51 12:00 15:51 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 9.4 10.8 17 9.2 6.5 6.2 MA 9.4 9.1 11 8 | 52 48 50 50 54 46 48 48 49 51 47 49 50 50 51 49 49 50 51 49 49 49 51 49 49 49 49 51 49 49 49 49 49 49 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40 | 25 20 | 4.230 2.790 4.240 1.300 1.800 1.800 1.478 1.478 1.474 1.555 1.750 1.720 1.429 1.474 1.434 1.684 1.635 NA NA 1.635 NA 1.635 NA 1.637 NA 1.639 1.4 | - |
| | 21.5/2002 24.7/2002 34/5/2002 34.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 34.7/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 45/2002 46/2002 47/ | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:00 12:00 11:00 12:45 8:45 14:30 15:31 15:31 15:31 15:31 15:31 15:31 15:31 15:31 15:32 15:32 15:33 15:31 15:32 15:33 15:31 15:32 15:33 15:31 15:31 15:32 15:33 15 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.3 17 9.5 5.5 6.2 7.4 9.5 10.8 11 9.5 11 8 9.5 11 11 8 | 52 48 50 50 54 46 48 48 49 51 47 49 50 51 49 49 50 51 49 49 49 49 50 51 49 49 50 51 40 40 40 40 40 40 40 40 40 40 40 40 40 | 48 | 4,230 2,790 4,240 1,300 1,800 1,800 1,478 1,744 1,475 1,535 1,555 1,720 1,429 1,474 1,684 1,684 1,685 1,78A 1,489 | |
| | 21.5/2002 3/6/2002 3/1.5/2002 3/1.5/2002 3/2.5/2002 3/2.5/2002 3/3.5/2002 3/3.5/2002 4/4/2002 4/4/2002 4/5/200 4/5/200 4/5/200 4/5/200 4/5/200 4/5/200 4/5/2 | 11:00 10:30 9:00 14:55 10:45 10:05 10:05 14:20 10:31 16:50 11:40 17:00 11:40 11:50 11:50 12:45 14:30 19:35 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:52 16:51 16:50 16:50 1 | 14.2 8.5 9 112 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.8 17 9.2 6.5 6.2 NA 9.4 9.1 11 18 11 18 11 19 11 11 11 11 11 11 11 11 11 11 11 | 52 48 50 50 54 46 48 48 49 51 50 50 51 49 50 51 49 49 50 51 49 49 49 49 50 51 49 49 49 49 49 49 49 49 49 49 49 49 49 | | 4.230 2.790 4.240 1.300 1.800 1.800 1.478 1.478 1.474 1.555 1.750 1.720 1.429 1.474 1.434 1.684 1.635 NA NA 1.635 NA 1.635 NA 1.637 NA 1.639 1.4 | |
| | 21.5/2002 24.7/2002 34/5/2002 34.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 34.7/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 45/2002 46/2002 47/ | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:00 12:00 11:00 12:45 8:45 14:30 15:31 15:31 15:31 15:31 15:31 15:31 15:31 15:31 15:32 15:32 15:33 15:31 15:32 15:33 15:31 15 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 9.4 10.3 17 9.5 5.5 6.2 7.4 9.5 10.8 11 9.5 11 8 9.5 11 11 8 | 52 48 50 50 54 46 48 48 49 51 49 50 50 51 49 49 49 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.300 1.800 1.800 1.474 1.744 1.755 1.774 1.755 1.720 1.429 1.474 1.434 1.684 1.685 NA 1.489 NA 1.439 | |
| | 21.5/2002 36/2002 36/2002 31.3/2002 32.2/2002 32.3/2002 32.3/2002 33.3/2002 34.3/2002 44.2/2002 44.2/2002 46/2002 46/2002 46/2002 46/2002 46/2002 47/2002 | 11:00 10:30 9:00 14:35 10:45 10:45 10:45 10:45 10:45 10:45 10:51 11:40 17:00 11:30 12:20 12:20 12:24 13:55 16:55 1 | 14.2 8.5 9 10.1 18.1 9 10.1 18.9 8.4 6.8 9.4 10.8 17.2 6.5 6.8 9.4 10.8 17.2 6.5 6.8 9.4 10.8 17.2 6.5 6.8 9.4 10.8 17.2 6.5 6.8 9.4 10.8 17.2 6.5 6.5 6.8 9.4 10.8 10 | 52 48 50 50 54 44 48 48 49 51 47 49 50 50 50 50 50 51 49 49 49 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.300 1.400 1.400 1.470 1.474 1.475 1.535 1.756 1.720 1.472 1.474 1.434 1.434 1.434 1.439 NA | |
| | 2115/2002 247/2002 346/2002 3415/2002 3429/2002 3429/2002 3429/2002 3419/2002 441/2002 447/2002 | 11:100 10:30 9:00 14:35 10:45 10:00 14:25 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 11:40 | 14.2 8.5 9 112 10.1 18.1 9 4 7.4 6.8 6.8 9.4 10.8 17 9.2 6.5 6.2 NA 9.4 9.4 9.1 18 18 19 10.8 17 9.2 6.5 6.2 18 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 | 52 48 50 50 54 46 48 48 49 51 49 50 50 51 49 50 51 49 49 49 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.300 1.800 1.800 1.474 1.745 1.745 1.755 1.755 1.720 1.429 1.474 1.434 1.684 1.685 NA 1.439 NA 1.439 NA 642 795 489 489 410 520 | |
| | 21.5/2002 36/2002 31.3/2002 32.2/2002 32.2/2002 32.3/2002 32.3/2002 32.3/2002 32.3/2002 32.3/2002 32.3/2002 44.2/2002 44.2/2002 44.2/2002 44.2/2002 44.2/2002 46.2/2002 47.2/2002 | 11:00 10:30 9:00 14:35 10:45 10:45 10:00 14:20 14:20 16:20 11:20 1 | 14.2 8.5 9 10.1 18.1 9 8.4 10.8 17 9.4 10.8 17 9.2 6.8 9.4 10.8 17 9.2 6.2 N.4 9.4 10.8 17 9.4 10.8 17 9.4 6.8 9.4 10.8 17 9.4 10.8 17 9.4 10.8 | 52 48 50 50 54 46 48 48 49 49 50 50 51 49 50 51 49 50 51 49 49 50 51 49 49 50 51 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.500 1.600 1.500 1.503 1.704 1.745 1.535 1.756 1.720 1.472 1.474 1.434 1.685 1.784 NA NA NA NA 1.439 NA 642 7.95 4.439 NA 642 7.95 4.89 4.89 4.89 4.89 4.80 4.80 4.80 4.80 4.80 4.80 4.80 4.80 | |
| | 21.5/2002 3/6/2002 3/1.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 4/1 | 11:00 10:30 9:00 14:35 10:45 10:45 10:00 14:25 10:00 14:20 10:08 10:10 10:00 11:20 1 | 14.2 8.5 9 112 10.1 18.1 9 8.4 7.4 6.8 6.8 9.9 110.8 17 9.2 6.5 6.2 NA 9.4 9.4 9.15 111 8 17.1 9.4 9.4 9.4 9.4 9.4 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11 | 52 48 50 54 46 48 48 49 51 49 50 50 51 49 NA 49 43 50 41.5 48 48 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4,230 2,790 4,240 1,300 1,800 1,800 1,559 1,478 1,475 1,475 1,475 1,475 1,475 1,474 1,474 1,474 1,474 1,474 1,474 1,474 1,474 1,474 1,484 1,684 1,685 NA NA 1,439 NA | |
| | 21.5/2002 36/2002 31.5/2002 31.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 32.5/2002 44.7/2002 44.7/2002 46.7/2002 47.7/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:51 1 | 14.2 8.5 9 12. 10.1 18.1 9 8.4 6.8 9.4 10.8 17 9.2 6.5 6.2 6.2 6.3 9.4 11.8 11.8 17.1 9.2 11.8 11.7 9.4 4.8 9.4 10.8 11.7 9.4 10.8 11.7 9.4 10.8 11.7 9.4 10.8 10 | 52 48 50 50 54 46 48 48 49 51 47 49 50 51 49 50 51 49 50 51 49 49 49 50 51 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.500 1.800 1.800 1.553 1.774 1.475 1.555 1.750 1.720 1.474 1.434 1.684 1.684 1.685 1.785 1.785 1.685 1.785 1.785 1.849 1.474 1.489 1.489 1.489 1.489 1.489 1.489 1.489 1.489 1.499 | |
| | 21.5/2002 3/6/2002 3/1.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 4/1 | 11:00 10:30 9:00 14:35 10:45 10:45 10:00 14:25 10:00 14:20 11:30 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:31 11:30 12:31 11:31 1 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 6.8 9.9 10.8 17 9.2 6.5 6.2 NA 9.4 9. 9.15 11 8 17.1 9.6 4 9.6 10.8 11.8 | 52 48 50 54 46 48 48 49 51 49 50 50 51 49 NA 49 43 50 41.5 48 48 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4,230 2,790 4,240 1,300 1,800 1,800 1,559 1,478 1,475 1,475 1,475 1,475 1,475 1,474 1,475 1,475 1,474 1,474 1,474 1,474 1,474 1,474 1,474 1,484 1,684 1,685 NA 1,439 | |
| | 21.5/2002 36/2002 31.5/2002 31.5/2002 32.5/2002 32.5/2002 33.5/2002 34.5/2002 34.5/2002 34.5/2002 34.5/2002 44.7/2002 44.7/2002 44.7/2002 44.7/2002 44.7/2002 45.7/2002 45.7/2002 45.7/2002 45.7/2002 45.7/2002 45.7/2002 45.7/2002 45.7/2002 56.7/2002 57 | 11:00 10:30 9:00 14:35 10:45 10:00 14:25 10:45 10:00 14:20 10:58 10:31 14:30 11:20 1 | 14.2 8.5 9 12. 10.1 18.1 9 8.4 6.8 9.4 10.8 17 9.2 6.5 6.2 6.5 6.2 11 8 9.4 11.8 17 9.2 11.8 17 9.2 10.1 10.8 11.8 | 52 48 50 50 54 46 48 48 49 51 51 47 49 50 50 51 49 49 50 51 49 49 49 49 50 51 49 49 49 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.500 1.800 1.800 1.553 1.774 1.475 1.555 1.750 1.720 1.429 1.474 1.434 1.684 1.685 1.78A NA NA 1.439 NA 642 7.95 4.429 4.439 4.444 4.435 4.50 4.62 4.62 4.62 4.63 4.63 4.64 4.65 4.65 4.65 4.65 4.65 4.65 4.65 | |
| | 21.5/2002 3/6/2002 3/1.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 3/2.5/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 4/1.7/2002 5/2.7/2002 | 11:00 10:30 9:00 14:35 10:45 10:45 10:00 14:20 10:58 10:45 10:00 11:00 11:00 12:20 11:40 1 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 6.9 9.4 10.7 9.2 6.5 6.2 NA 9.4 9.4 9.5 11 8 17.1 9.6 48 9.2 7.1 11 11 11 11 11 11 11 11 11 | 52 48 50 54 46 48 48 49 51 74 49 50 50 51 49 83 84 85 86 78 87 88 78 88 78 88 78 79 50 51 50 51 51 50 51 51 51 51 51 51 51 51 51 51 | 48 50 | 4.230 2.790 4.240 1.000 1.000 1.000 1.473 1.474 1.475 1.535 1.720 1.479 1.474 1.475 1.585 1.720 1.479 | |
| | 2115/2002 2/27/2002 3/4/2002 3/4/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/4/ | 11:00 10:30 9:00 14:35 10:45 1 | 14.2 8.5 9 112 10.1 18.1 9 4.4 7.4 6.8 6.8 6.8 9.4 10.8 17 9.2 6.5 6.2 NA 9.4 9.1 11 8 9.4 9.4 9.7 10.8 11 11 11 11 11 11 11 11 11 1 | 52 48 50 54 46 48 48 49 51 49 50 51 49 50 51 49 50 51 49 49 50 51 49 49 49 49 50 51 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.500 1.800 1.508 1.478 1.474 1.475 1.535 1.720 1.429 1.474 1.684 1.683 1.434 1.684 1.683 1.434 1.684 1.685 1.40 1.484 1.685 1.49 1.494 1.684 1.685 1.494 1.684 1.685 1.494 1.684 1.685 1.494 1.884 1.889 1.494 1.889 1.494 1.494 1.889 1.494 1.494 1.895 1.494 1.494 1.895 1.494 1.494 1.494 1.494 1.494 1.895 1.494 1. | |
| | 2115/2002 36/2002 3115/2002 3125/2002 3225/2002 3225/2002 3225/2002 3225/2002 3225/2002 3225/2002 3225/2002 417/2002 46/2002 46/2002 46/2002 46/2002 47/2002 52/2002 | 11:00 10:30 9:00 14:35 10:45 10:45 10:00 14:20 10:58 10:45 10:00 11:00 11:00 12:20 11:40 1 | 14.2 8.5 9 12 10.1 18.1 9 8.4 7.4 6.8 6.8 6.9 9.4 10.7 9.2 6.5 6.2 NA 9.4 9.4 9.5 11 8 17.1 9.6 48 9.2 7.1 11 11 11 11 11 11 11 11 11 | 52 48 50 54 46 48 48 49 51 74 49 50 50 51 49 83 84 85 86 78 87 88 78 88 78 88 78 79 50 51 50 51 51 50 51 51 51 51 51 51 51 51 51 51 | 48 50 | 4.230 2.790 4.240 1.000 1.000 1.000 1.473 1.474 1.475 1.535 1.720 1.479 1.474 1.475 1.585 1.720 1.479 | |
| | 21.5/2002 24.7/2002 34/5/2002 34.5/2002 34.5/2002 34.5/2002 34.5/2002 34.5/2002 34.5/2002 34.7/2002 44.7/2002 44.7/2002 44.7/2002 44.7/2002 44.7/2002 46.7/2002 47.7/2002 | 11:00 10:30 9:00 14:35 10:45 1 | 14.2 8.5 9 10.1 18.1 9 8.4 17.8 6.8 9.4 10.8 17.9 9.2 6.2 N.4 9.4 10.8 17.9 9.2 6.2 10.8 17.9 9.4 10.8 17.9 9.4 10.8 17.9 9.4 10.8 10.8 10.9 10.8 10.9 10.8 1 | 52 48 50 50 54 46 48 48 48 49 51 47 49 50 51 50 51 49 50 51 49 50 51 49 50 51 49 50 50 51 49 50 50 50 50 60 60 60 60 60 60 60 60 60 6 | 48 50 | 4.230 2.790 4.240 1.500 1.600 1.503 1.704 1.705 1.705 1.705 1.705 1.705 1.707 1.429 1.474 1.484 1.484 1.484 1.485 NA NA NA NA 1.439 NA 642 7.95 4.25 4.36 4.39 4.39 4.30 4.44 4.35 4.36 4.62 4.39 4.89 4.89 4.89 4.89 4.89 4.89 4.89 4.8 | |
| | 2115/2002 247/2002 346/2002 3415/2002 3429/2002 3429/2002 3439/2002 3412/2002 441/2002 | 11:00 10:30 9:00 14:35 10:45 1 | 14.2 8.5 9 112 10.1 18.1 9 4.4 7.4 6.8 6.8 6.8 6.8 10.8 17 9.2 6.5 6.2 NA 9.4 9.1 11.1 8 9.2 7 10.3 11.1 11.1 10.8 | 52 48 50 54 46 48 48 48 49 50 51 49 50 51 49 50 51 49 50 51 49 49 49 49 49 49 49 49 49 49 | 48 50 | 4.230 2.790 4.240 1.500 1.800 1.800 1.578 1.478 1.475 1.475 1.475 1.475 1.475 1.474 1.434 1.684 1.683 NA 1.484 1.683 NA 1.484 1.683 NA 1.484 1.685 NA 1.485 1.485 1.486 | |

| ystem: | Building 2 SVE | system | | | | | |
|----------|--|---|--|---|------------|--|--------------------------|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
| 2-VEW-2 | 11/27/2001 | 13:00 | 60 | 25 | | 1,300 | Well Closed 11/28/01-1/2 |
| | 1/3/2002 | 15:00 | 70 | 20 | | 740 | Well Opened |
| | 1/10/2002 1/18/2002 | 15:00 18:00 | NA NA | 1.5 3.2 | | NA NA | Well Closed |
| | 1/24/2002 | 15:10 | NA NA | 2 | | NA NA | |
| | 1/31/2002 | 15:10 | 60 | 31 | | 9,999 | Well Opened |
| | 2/1/2002 | 10:00 | 29 | 22. | | 335 | - ren opeaea |
| | 2/6/2002 | 13:00 | 18 | 15 | | 260 | |
| | 2/15/2002 | 11:00 | 23 | 19 | | 94 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 47 | | 18 | - |
| | 3/29/2002 | 14:20 | 24 | 19 | | 8 | - |
| | 3/30/2002 | 10:58 | 24 | 21 | | 8 | Well Opened |
| | 3/31/2002 | 10:31 | 24 | 2.0 | | 3 | |
| | 4/L/2002 | 16:50 | 25 | 21 | | 4 | - |
| | 4/2/2002 | 11:40 | NA | 13 | | NA | Well Closed |
| | 4/4/2002 4/5/2002 | 17:00 | NA | 9 | | NA | |
| | 4/6/2002 | 11:30 12:00 | NA NA | 12.5 12 | | NA NA | _ |
| | 4/7/2002 | 11:00 | NA. | 13 | | NA. | |
| | 4/8/2002 | 12:45 | NA. | 12 | | NA. | |
| | 4/9/2002 | 8:45 | NA | 14 | | NA | - |
| | 4/10/2002 | 14:30 | NA | 12 | | NA | - |
| | 4/11/2002 | 19:35 | NA | NA | | NA | |
| | 4/12/2002 | 18:37 | NA | 8.5 | | NA | - |
| | 4/17/2002 | 15:20 | NA | 4 | | NA | |
| | 4/23/2002 | 15:51 | NA | 11 | | NA | - |
| | 5/3/2002 | 12:48 | NA | 6 | | NA | |
| | 5/9/2002 | 19:10 | NA | 11 | | NA | |
| | 5/23/2002 | 16:20 | NA NA | 11 | | NA NA | - |
| | 6/13/2002 | 8:35 | NA | 12 | | NA | |
| | 6/20/2002 | 10:17 12:34 | NA NA | 12 11 | | NA NA | |
| | 6/27/2002 7/3/2002 | 11:00 | NA NA | 12 | | NA NA | |
| | 7/9/2002 | 14:17 | NA NA | 12 | | NA NA | |
| | 7/15/2002 | 11:48 | NA. | 12 | | NA. | |
| | 7/23/2002 | 9:12 | NA | 12 | | NA | |
| | 7/30/2002 | 13:35 | NA | NA | | NA | |
| | 8/7/2002 | 15:15 | NA | NA | | NA | - |
| | 8/15/2002 | 15:30 | NA | 10 | | NA | |
| | 8/20/2002 | 11:28 | NA | 10 | | NA | |
| | 8/27/2002 | 9:40 | NA | 9 | | NA | - |
| | 9/5/2002 | 10:45 | NA | 9 | | NA | |
| | 9/13/2002 9/19/2002 | 12:45 13:20 | NA NA | 10 9 | | NA NA | |
| | 9/25/2002 | 7:02 | 55.5 | 30 | | 3 | _ |
| | 10/1/2002 | 15:51 | NA | 10 | | NA. | |
| | 10/9/2002 | 9:43 | NA | 10 | | NA | - |
| 2-VEW-3A | 11/27/2001 | 13:00 | 20 | 20 | | 710 | Well Closed 11/28/01-1/2 |
| | 1/3/2002 | 15:00 | 12 | 22 | | 160 | Well Opened |
| | 1/10/2002 | 15:00 | NA | 1.3 | | NA | |
| | 1/18/2002 | 18:00 | 23 | 50 | | 560 | - |
| | 1/24/2002 | 15:10 | 11 | 49 | | 470 | - |
| | 1/31/2002 | 15:48 | 17 | 32 | | 360 | |
| | 2/1/2002 | 10:00 | 7 | 23 | | 250 | |
| | 2/6/2002 2/15/2002 | 13:00 11:00 | 7 6.5 | 17 19 | | 210 85 | Wall Olasad |
| | 3/20/2002 | 14:00 | NA | 50 | | NA | Well Closed |
| | 3/29/2002 | 10:00 | NA. 94 | 54 | | NA 31 | Well Opened |
| | 3/29/2002 | 14:20 | 1 | 9 | | NA. | Well Closed |
| | 3/30/2002 | 10:58 | 0.6 | ú | | NA | - Tell Closed |
| | 3/31/2002 | 10:31 | 0.5 | 10 | | NA | - |
| | 4/1/2002 | 16:50 | NA | 10 | | NA | - |
| | 4/2/2002 | 11:40 | NA | 12 | | NA | - |
| | 4/4/2002 | 17:00 | NA | 8 | | NA | - |
| | 4/5/2002 | 11:30 | NA | 11.5 | | NA | - |
| | | 12:00 | NA | 10.5 | | NA | - |
| | 4/6/2002 | 12:00 | | | | | - |
| | 4/7/2002 | 11:00 | NA | 11 | | NA | |
| | 4/7/2002 4/8/2002 | 11:00 12:45 | NA NA | 12 | | NA. | - |
| | 4/7/2002 4/8/2002 4/9/2002 | 11:00 12:45 8:45 | NA NA NA | 12 13 | | NA NA | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 | 11:00 12:45 8:45 14:30 | NA NA NA NA | 12 13 10 | | NA NA NA | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 | 11:00 12:45 8:45 | NA NA NA | 12 13 | | NA NA | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/12/2002 4/17/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 | NA NA NA NA NA NA | 12 13 10 NA 8 4 | | NA NA NA NA NA | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/12/2002 4/17/2002 4/2/2/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 | NA NA NA NA NA NA NA | 12 13 10 NA 8 4 10 | | NA NA NA NA NA NA | |
| | 4/7/2002 4/8/2002 4/8/2002 4/10/2002 4/11/2002 4/12/2002 4/12/2002 4/23/2002 5/3/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 | NA | 12 13 10 NA 8 4 10 5.5 | | NA NA NA NA NA NA NA | |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/12/2002 4/12/2002 5/3/2002 5/9/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 | NA | 12 13 10 NA 8 4 10 5.5 | | МА МА МА МА МА МА МА | - |
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| | 4/7/2002 4/8/2002 4/8/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/23/2002 5/8/2002 5/8/2002 5/20/2002 6/20/2002 6/20/2002 7/3/2002 7/9/2002 7/9/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 | NA N | 12 13 10 NA 8 4 10 5.5 10 10 12 12 12 11 | | NA N | - |
| | 4/7/2002 4/8/2002 4/8/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/17/2002 5/3/2002 5/3/2002 5/3/2002 6/20/2002 6/20/2002 7/3/2002 7/3/2002 7/3/2002 7/15/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 6:20 8:35 10:17 12:34 11:00 14:17 | NA N | 12 13 10 NA 8 4 10 5.5 10 10 12 12 11 11 10 11 | | NA N | - |
| | 4/72002 4/9/2002 4/9/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 5/2002 5/2002 5/2002 5/2002 6/11/2002 6/11/2002 7/12/2002 7/15/2002 7/15/2002 7/15/2002 7/15/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 | NA N | 12 13 10 NA 8 4 10 5.5 10 12 12 12 11 10 11 12 | | NA N | - |
| | 4/72002 4/8/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/17/2002 5/8/2002 5/8/2002 6/18/2002 6/18/2002 6/18/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 | NA N | 12 13 10 NA 8 4 10 5.5 10 10 12 12 11 10 11 12 12 | | NA N | - |
| | 4/72002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/17/2002 5/8/2002 5/8/2002 5/8/2002 5/8/2002 6/18/2002 6/18/2002 7/8/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 19:48 9:12 13:35 15:15 | NA N | 12 13 10 NA 8 4 10 5.5 10 112 12 11 10 11 12 12 11 10 11 12 12 NA NA | | NA N | - |
| | 4/72002 4/8/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/17/2002 5/8/2002 5/8/2002 6/18/2002 6/18/2002 6/18/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 | NA N | 12 13 10 NA 8 4 10 5.5 10 10 12 12 11 10 11 12 12 11 10 11 12 12 NA NA 8 | | NA N | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/12/2002 5/2/2002 5 | 11:00 12:45 8:45 14:30 19:35 18:37 15:51 12:48 15:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 11:48 11:48 11:48 11:48 | NA N | 12 13 10 NA 8 4 10 5.5 10 112 12 11 10 11 12 12 11 10 11 12 12 NA NA | | NA N | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/1 0/2002 4/1 1/2002 4/1 1/2002 4/1 1/2002 4/1 1/2002 4/1 1/2002 4/1 1/2002 5/2/2002 5/2/2002 6/2/2002 6/2/2002 7/2/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 8/2/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:30 11:40 14:17 11:44 9:12 13:35 15:15 | NA N | 12 13 10 NA 8 4 10 5.5 10 10 12 12 12 11 10 11 12 12 12 NA 8 8 8 | | NA N | |
| | 4/7/2002 4/9/2002 4/9/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 5/9/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 18:35 10:17 11:48 11:00 14:17 11:48 19:35 19:35 19:35 19:36 1 | NA N | 12 13 10 NA 8 4 10 5.55 10 10 12 12 11 10 11 12 2 NA 8 8 8 8 8 | | NA N | - |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 5/24/2002 6/21/2002 6/21/2002 6/21/2002 7/8/2002 7/8/2002 7/8/2002 8/12/2002 8/12/2002 8/12/2002 8/12/2002 8/12/2002 9/12/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 19:25 18:37 19:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 15:15 15:28 9:40 10:45 10:4 | NA N | 12 13 10 NA 8 4 10 5.5 10 12 12 11 10 11 12 12 11 10 11 12 12 NA NA 8 8 8 8 8 | | NA N | |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 5/5/2002 5/5/2002 5/5/2002 6/11/2 | 11:00 12:45 8:45 14:30 19:35 18:37 15:51 15:20 15:20 16:20 8:35 10:17 12:36 11 | NA N | 12 13 10 NA 8 4 10 5.5-5 10 10 12 12 11 10 11 12 12 11 18 NA 8 8 8 8 8 | | NA N | |
| | 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 5/24/2002 6/21/2002 6/21/2002 6/21/2002 7/8/2002 7/8/2002 7/8/2002 8/12/2002 8/12/2002 8/12/2002 8/12/2002 8/12/2002 9/12/2002 | 11:00 12:45 8:45 14:30 19:35 18:37 19:25 18:37 19:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 15:15 15:28 9:40 10:45 10:4 | NA N | 12 13 10 NA 8 4 10 5.5 10 12 12 11 10 11 12 12 11 10 11 12 12 NA NA 8 8 8 8 8 | | NA N | |

| | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
|----------|---|---|--|--|------------|--|--|
| 2-VEW-3B | 11/27/2001 | 13:00 | 11 | 25.0 | | 2,250 | Initial Startup |
| | 11/28/2001 | 13:15 | NA | 0.1 | | NA | Well Closed |
| | 11/30/2001 12/3/2001 | 14:20 17:10 | NA NA | 0.7 0.2 | | NA NA | |
| | 12/4/2001 | 10:15 | NA | 0.9 | | NA | - |
| | 12/5/2001 | 16:30 | NA | 0.6 | | NA | - |
| | 12/6/2001 | 8:30 | NA | 0.8 | | NA | |
| | 12/7/2001 | 7:30 | NA | 1.2 | | NA. | |
| | 12/8/2001 12/9/2001 | 16:00 13:00 | NA NA | 0.1 | | NA NA | |
| | 12/10/2001 | 16:00 | NA | 0.4 | | NA. | |
| | 12/11/2001 | 11:00 | NA | 1.4 | | NA | - |
| | 12/12/2001 | 19:15 | 8 | 29.5 | | 1,900 | Well Opened |
| | 12/13/2001 | 11:15 | 8 | 29.0 | | 1,675 | |
| | 12/20/2001 | 15:10 11:00 | 17 15 | 39.0 23.0 | | 1,345 220 | |
| | 1/10/2002 | 15:00 | NA. | 1.5 | | NA. | Well Closed |
| | 1/18/2002 | 18:00 | NA | 3.3 | | NA | - |
| | 1/24/2002 | 15:10 | NA | 3.0 | | NA | |
| | 1/31/2002 | 15:48 | 7 | 32.0 | | 390 | Well Opened |
| | 2/L/2002 | 10:00 | 10 | 23.0 | | 220 | |
| | 2/6/2002 | 13:00 11:00 | 7 5.7 | 17.0 19 | | 230 320 | |
| | 3/20/2002 | 14:00 | NA. | 47 | | 203 | |
| | 3/29/2002 | 14:20 | 18 | 46 | | 296 | |
| | 3/30/2002 | 10:58 | 8.4 | 48 | | 226 | |
| | 3/31/2002 | 10:31 | 9 | 48 | | 231 | |
| | 4/L/2002 | 16:50 | 9.3 | 48 | | 197 | |
| | 4/2/2002 4/4/2002 | 11:40 17:00 | 11.3 10.1 | 52 47 | | 172 262 | |
| | 4/4/2002 | 11:30 | 10.1 | 50 | | 262 142 | |
| | 4/6/2002 | 12:00 | 49 | 14.1 | | 116 | |
| | 4/7/2002 | 11:00 | 15.1 | 56 | | 105 | |
| | 4/8/2002 | 12:45 | 17.1 | 51 | | 87 | - |
| | 4/9/2002 | 8:45 | 16.9 | 52 | | 106 | |
| | 4/10/2002 | 14:30 | 19.2 | 49 | | 88 | - |
| | 4/11/2002 4/12/2002 | 19:35 18:37 | NA 19 | NA 49 | | NA NA | |
| | 4/17/2002 | 15:20 | 23 | 43 | | 156 | |
| | 4/23/2002 | 15:51 | 26.3 | 50 | | NA. | - |
| | 5/3/2002 | 12:48 | 28 | 42 | | 51 | |
| | 5/9/2002 | 19:10 | 24 | 42 | | 42 | |
| | 5/23/2002 6/13/2002 | 16:20 | 48 | 28.6 | 4.8 | * 4.8 | |
| | 6/20/2002 | 8:35 10:17 | 31.5 28.4 | 48 48 | 7 | * 7.0 * 7.0 | |
| | 6/27/2002 | 12:34 | 31.3 | 48 | 5.2 | * 5.2 | |
| | 7/3/2002 | 11:00 | 28 | 47 | | 67 | |
| | 7/9/2002 | 14:17 | 31 | 48 | | 19 | |
| | 7/15/2002 | 11:48 | 35 | 54 | | 80 | - |
| | 7/23/2002 | 9:12 | 36.8 | 54 | | 20 | |
| | 7/30/2002 8/7/2002 | 13:35 15:15 | NA NA | NA NA | | NA NA | Well Closed |
| | 8/15/2002 | 15:30 | NA. | 10 | | NA. | |
| | 8/20/2002 | 11:28 | NA | 9 | | NA | - |
| | 8/27/2002 | 9:40 | NA | 8 | | NA | - |
| | 9/5/2002 | 10:45 | NA | 9 | | NA | - |
| | 9/13/2002 | 12:45 | NA | 10 | | NA. | |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | NA 12.2 | 9 30 | | NA 24 | |
| | 10/1/2002 | 15:51 | NA | 10 | | NA. | - |
| | 10/9/2002 | | NA | 10 | | NA | - |
| | | 9:43 | | | | | |
| 2-VEW-4 | 11/27/2001 | 13:00 | 30 | 25 | | 1,250 | Well Closed 11/28/01-1/2/0 |
| 2-VEW-4 | 11/27/2001 1/3/2002 | 13:00 15:00 | 30 20 | 15 | | 450 | Well Closed 11/28/01-1/2/ Well Opened |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 | 13:00 15:00 15:00 | 30 20 NA | 15 1.8 | | 450 NA | |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 | 13:00 15:00 15:00 18:00 | 30 20 NA NA | 1.5 1.8 3.8 | | 450 NA NA | |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 | 13:00 15:00 15:00 18:00 15:10 | 30 20 NA NA | 1.5 1.8 3.8 2.3 | | 450 NA NA NA | |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 | 30 20 NA NA | 1.5 1.8 3.8 2.3 31 23.5 | | 450 NA NA | |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 | 30 20 NA NA NA 33 23 | 15 1.8 3.8 2.3 31 23.5 | | 450 NA NA NA 940 565 680 | Well Opened. - - - - - |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/16/2002 1/34/2002 1/31/2002 2/1/2002 2/1/2002 2/1/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 11:00 | 30 20 NA NA NA 33 23 21 20.5 | 15 1.8 3.8 2.3 31 23.5 17 | | 450 NA NA NA 940 565 680 400 | |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/31/2002 1/31/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 11:00 | 30 20 NA NA NA 33 23 21 20.5 | 15 1.8 3.8 2.3 31 23.5 17 19 | | 450 NA NA NA 940 565 680 400 17 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/25/2002 3/25/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 14:00 14:20 | 30 20 NA NA NA 33 23 21 20.5 NA | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 | | 450 NA NA NA 940 565 680 400 17 60 | Well Opened. - - - - - |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 3/20/2002 3/30/2002 3/30/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 14:00 14:20 10:58 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 | | 450 NA NA NA 940 565 680 400 17 60 167 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/4/2002 2/4/2002 2/5/2002 3/20/2002 3/30/2002 3/31/2002 4/4/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 11:00 14:00 14:20 10:58 10:31 | 30 20 NA NA NA 33 21 20.5 NA 59 51.5 55.5 51.5 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 | | 450 NA NA NA 940 565 680 400 17 60 167 235 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/24/2002 1/24/2002 2/1/2002 2/5/2002 2/5/2002 3/25/2002 3/3/2002 4/1/2002 4/1/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 14:00 14:20 10:58 10:31 16:50 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 | 1.5 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 50 | | 450 NA NA NA 940 565 680 400 17 60 167 235 270 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/18/2002 1/18/2002 1/3/2002 2/1/2002 2/1/2002 2/1/2002 3/29/2002 3/3/2002 3/3/2002 4/1/2002 4/1/2002 4/4/2002 | 13:00 15:00 15:00 18:00 15:10 15:48 10:00 13:00 14:00 14:20 10:58 10:31 16:50 11:40 | 30 20 NA NA NA 33 21 20.5 NA 59 51.5 55.5 55.5 | 1.5 1.8 3.8 2.3 31 23.5 1.7 19 41 45 48 47 48 50 46 | | 450 NA NA NA 940 565 680 400 17 60 167 235 270 257 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/1 0/2002 1/1 0/2002 1/3 0/2002 1/3 1/2002 2/1/2002 2/6/2002 2/6/2002 3/5/2002 3/5/2002 4/1/2002 4/4/2002 4/4/2002 | 13:00 15:00 15:00 18:00 18:00 15:10 15:48 10:00 11:00 14:00 14:00 10:58 10:31 16:50 11:40 17:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 56 55 | 1.5 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 50 46 48.5 | | 450 NA NA NA 940 565 680 400 17 60 167 235 270 257 276 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/1 0/2002 1/1 0/2002 1/24/2002 1/3/2002 2/1/2002 2/1/2002 2/1/2002 3/29/2002 3/3/2/2002 4/1/2002 4/2/2002 4/4/2002 4/4/2002 4/4/2002 | 13:00 15:00 15:00 18:00 18:00 15:10 15:48 10:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 56 55 58 | 1.5 1.8 3.8 2.3 31 23.5 1.7 1.9 41 45 48 47 48 50 46 48.5 46 | | 450 NA NA NA 940 565 680 400 11 167 235 270 257 276 264 232 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/1 0/2002 1/1 0/2002 1/3 1/2002 1/3 1/2002 2/1/2002 2/1/2002 2/5/2002 3/20/2002 3/3/2002 4/1/2002 4/1/2002 4/1/2002 4/5/2002 4/5/2002 4/6/2002 | 13:00 15:00 15:00 18:00 18:00 15:14 15:48 10:00 13:00 14:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 55.5 55.5 55.5 55.5 5 | 1.5 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 50 46 48.5 | | 450 NA NA NA 940 565 680 400 17 60 167 235 270 257 276 264 232 223 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 1/31/2002 2/4/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 4/4/2002 4/4/2002 4/5/2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:48 10:00 13:00 14:00 14:00 14:00 14:00 11:30 11:30 11:30 11:30 11:30 11:30 11:30 11:30 11:40 | 30 20 NA NA 33 23 21,5 NA 9 9 51,5 55,5 56 55 58 59,5 | 15 1.8 3.8 2.3 3.1 23.5 17 19 41 45 48 47 48 49.5 47 50 | | 450 NA NA NA 940 556 680 680 6400 17 60 167 235 270 257 266 232 232 272 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 11/3/2002 11/10/2002 11/10/2002 11/10/2002 11/10/2002 11/2002 20/10/2002 20/10/2002 20/10/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/10/2002 | 13:00 15:00 15:00 15:00 15:10 15:10 15:48 10:00 11:00 14:00 14:00 14:20 10:58 10:51 11:40 17:00 11:30 11:30 11:40 | 30 20 NA NA NA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 59.5 58 59.5 58 59.5 | 15 1.8 3.8 2.3 31 23.5 1.7 1.9 41 45 48 47 48 48 50 46 48.5 48 49.5 47 50 47 | | 450 NA NA NA 940 565 680 400 17 60 167 235 257 257 256 264 232 222 272 234 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/3/2002 1/3/2002 2/4/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 2/3/2002 4/2002 4/3/2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:48 10:00 13:00 11:00 14:00 14:00 14:00 11:00 11:30 11:40 | 30 20 NA NA 33 23 21,5 NA 59 51,5 51,5 55,5 51,5 55,5 55,5 58 59,5 58 59,5 58 59,5 58 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 46 48.5 48 49.5 47 50 47 NA | | 450 NA NA 940 565 660 400 400 255 270 257 276 246 242 232 232 272 234 NA | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 2/4/2002 2/4/2002 2/4/2002 3/25/2002 3/25/2002 4/4/200 4/4/20 | 13:00 15:00 15:00 15:00 15:10 15:10 15:10 15:10 11:00 11:00 14:00 14:00 14:00 14:00 14:00 14:00 12:00 11:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 55.5 55.5 55.5 55.5 5 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 49.5 49.5 47 NA 61 | | 450 NA NA NA 940 565 680 400 17 60 167 235 257 276 264 232 222 272 234 NA NA | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 11/27/2001 11/2/2002 11/1/2002 11/1/2002 11/24/2002 11/24/2002 12/1/2002 26/2002 20/1/2002 30/1/2002 30/1/2002 40/1/200 40/ | 13:00 15:00 15:00 18:00 18:00 15:10 15:48 10:00 13:00 14:20 14:20 10:58 11:40 17:00 11:00 | 30 20 NA NA 33 23 21 20.5 NA 59 51.5 55.5 55.5 56 55.5 58 59.5 58 59.5 58 59.5 58 59.5 59.5 | 15 1.8 3.8 2.3 31 23.5 1.7 1.9 41 41 45 48 47 48 50 46 48.5 48 49.5 47 NA 61 | | 450 NA NA NA 940 565 860 400 107 157 255 270 2257 2266 224 232 232 234 NA NA NA 2552 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 2/15/2002 2/15/2002 3/26/2002 3/26/2002 3/26/2002 3/26/2002 3/26/2002 4/2/2002 | 13:00 15:00 15:00 15:00 15:10 15:10 15:10 15:10 11:00 11:00 14:00 14:00 14:00 14:00 14:00 14:00 12:00 11:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 55.5 55.5 55.5 55.5 5 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 48 47 48 49.5 49.5 47 NA 61 | | 450 NA NA NA 940 565 680 400 17 60 167 235 257 276 264 232 222 272 234 NA NA | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 11/27/2001 11/2/2002 11/1/2002 11/1/2002 11/24/2002 11/24/2002 12/1/2002 26/2002 20/1/2002 30/1/2002 30/1/2002 40/1/200 40/ | 13:00 15:00 15:00 15:00 15:00 15:00 15:10 15:10 15:48 10:00 11:00 11:00 11:00 11:00 11:00 12:45 11:40 17:00 11:30 12:45 8:45 14:30 15:51 18:37 15:20 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 55.5 55.5 55.5 55.5 5 | 15 1.8 3.8 2.3 31 23.5 17 19 41 45 48 49 49 50 47 NA 61 41 49 | | 450 NA NA NA 940 565 680 400 17 60 167 235 270 277 226 44 222 223 232 232 232 232 232 232 234 NA NA 252 NA 209 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 5/2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:10 15:10 15:10 15:10 15:00 15:00 15:00 15:00 15:00 15:00 11:00 11:00 11:00 11:00 11:00 12:00 11:00 | 300 200 NA NA NA 33 21 20.5 NA 59 51.5 55.5 55.5 58 55.5 58 55.5 58 55.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 58 55.5 59.5 59 | 15 1.8 3.8 2.3 31 23.5 17 9 41 45 48 48 50 46 48.5 48 49.5 47 50 46 48.5 48 49.5 47 50 47 48 49 41 41 43 | | 450 NA NA NA 940 565 680 400 11 667 235 270 257 276 264 232 223 222 272 234 NA NA 209 179 + 17.2 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 1/24/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 4//2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:10 15:10 15:10 16:00 16:00 16:00 17:00 11:00 17:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 13:00 12:00 13:00 | 30 20 NA NA NA 33 21 21 20.5 NA 59 51.5 55.5 51.5 56 55.5 58 56 54.5 59.3 58.5 51.5 59 | 15 1.8 3.8 2.3 3.1 23.5 1.7 1.9 4.1 4.1 4.5 4.8 4.7 4.8 4.9 4.6 4.8 4.7 5.0 4.7 7 NA 6.1 4.1 4.9 4.1 4.1 4.9 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 | | 450 NA NA 940 556 680 400 107 60 167 235 2270 2277 2267 2267 2272 234 NA | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 2/17/2002 2/17/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/17/2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:10 15:10 15:10 15:10 15:00 11:00 | 30 20 NA NA NA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 58 58 59.5 59.5 58 59.5 59.5 | 15 1.8 3.8 2.3 31 23.5 17 9 41 45 48 48 50 46 48.5 48 49.5 47 NA 61 41 49 41 43 47 46 48 | | 450 NA NA NA 940 565 680 400 11 167 235 270 257 276 264 232 223 222 272 294 NA NA 252 179 179 1172 1150 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 1/24/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4///2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:10 13:40 10:00 14:10 14:20 14:20 16:55 11:40 17:00 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:20 11:30 12:20 15:31 16:51 11:40 17:00 11:30 12:20 11:30 12:20 15:31 16:31 16:35 16:31 16:35 16:31 16:35 16:31 16:35 16:31 16:30 17:00 18:35 16:31 18:37 | 30 20 NA NA NA 33 23 21 21 20.5 NA 59 51.5 55.5 51.5 56 55.5 58 56 54.5 59.5 58 55.5 59.5 59.5 59.5 59.5 59.5 | 15 1.8 3.8 2.3 51 23.5 1.7 1.9 41 41 45 48 47 48 48 47 77 NA 61 41 49 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 48 47 | | 450 NA NA 940 560 6400 4000 4000 257 270 257 276 244 242 232 232 272 234 NA NA 252 NA NA 252 NA NA 1252 NA 1250 1250 1250 1250 1250 1250 1250 1250 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/13/2002 1/13/2002 1/13/2002 26/2002 26/2002 2/15/2002 3/25/2002 3/25/2002 3/25/2002 3/25/2002 4/17/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/17/2002 | 13:00 15:00 15:00 15:00 15:00 16:00 | 30 20 NA NA NA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 55.5 58 55.5 NA 48 8 58.5 55.5 58.5 55.5 58.5 56.5 57.5 58.5 58.5 58.5 58.5 58.5 58.5 58 | 15 1.8 3.8 2.3 31 23.5 17 41 45 48 47 48 50 46 48.5 48 49.5 47 50 47 NA 61 41 49 41 49 41 49 47 46 | | 450 NA NA NA 940 565 680 400 11 167 235 270 257 276 264 232 223 222 272 234 NA 232 232 272 294 179 1150 1150 1150 1150 1150 1150 1150 115 | Well Closed Well Closed |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/24/2002 1/24/2002 2/17/2002 2/17/2002 2/17/2002 2/17/2002 3/25/2002 3/25/2002 4/7/2002 | 13:00 15:00 15:00 15:00 15:00 15:10 15:10 15:10 13:00 15:11 15:48 10:00 14:00 14:00 14:00 14:00 14:00 14:00 14:00 14:00 12:00 11:30 12:200 11:30 12:201 11:30 12:201 11:30 12:205 13:31 14:30 13:31 14:30 13:31 14:30 13:31 14:30 13:31 13 | 30 20 NA NA NA 33 23 21 21 20.5 NA 59 51.5 55.5 51.5 56 55 58 56 55.5 58 56 55.5 58 56 55.5 59.5 58 56 55.5 59.5 58 56 55.5 59.5 58 56 55.5 59.5 59.5 59.5 59.5 59.5 59.5 5 | 15 1.8 3.8 2.3 31 23.5 1.7 1.9 41 41 45 48 47 48 48 49 47 47 48 49 41 48 | | 450 NA NA NA 940 565 860 400 107 167 235 270 237 276 244 222 232 232 232 232 234 NA NA NA 252 NA NA 252 NA 179 1172 1153 1152 1520 1521 154 | Well Opened. |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/13/2002 1/13/2002 1/13/2002 26/2002 26/2002 2/15/2002 3/25/2002 3/25/2002 3/25/2002 3/25/2002 4/17/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/17/2002 | 13:00 15:00 15:00 15:00 15:00 16:00 | 30 20 NA NA NA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 55.5 58 55.5 NA 48 8 58.5 55.5 58.5 55.5 58.5 56.5 57.5 58.5 58.5 58.5 58.5 58.5 58.5 58 | 15 1.8 3.8 2.3 31 23.5 17 41 45 48 47 48 50 46 48.5 48 49.5 47 50 47 NA 61 41 49 41 49 41 49 47 46 | | 450 NA NA NA 940 565 680 400 11 167 235 270 257 276 264 232 223 222 272 234 NA 232 232 272 294 179 1150 1150 1150 1150 1150 1150 1150 115 | Well Opened. |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 4/1/2002 | 13:00 15:00 15:00 15:00 15:00 15:00 16:10 16:00 16:11 16:00 16:00 16:11 16:00 | 30 20 NA NA NA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 55.5 58 58.5 58.5 | 15 1.8 3.8 2.3 31 23.5 17 41 45 48 47 47 48 50 46 48.5 47 50 47 NA 61 41 49 41 49 41 49 41 49 41 49 46 48 47 46 48 52 | | 450 NA NA NA 940 565 680 400 117 67 1235 2270 2276 226 223 222 223 227 224 NA NA 235 NA 245 179 1172 1150 1150 1150 1172 79 64 72 | Well Opened. |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/3/2002 1/3/2002 2/4/2002 2/15/2002 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 4/4/2002 4/4 | 13:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 11:00 | 300 200 NA NA NA 33 21 20.5 NA 59 51.5 55.5 55.5 56 54.5 56 54.5 56 55.5 58 55.5 58 55.5 58 55.5 58 55.5 58 55.5 58 56 54.5 58 55.5 58 56 54.5 58 55.5 NA 88 68 58.5 56.1 57 48 58 56.1 57 48 58 58 58 58 58 58 58 58 58 58 58 58 58 | 15 1.8 3.8 2.3 31 23.5 11.9 41 45 48 47 48 50 46 48.5 48 49 51 47 NA 49 41 49 41 43 47 46 48 49 41 49 41 49 41 49 41 40 48 47 46 48 49 41 40 40 40 40 40 40 40 40 40 40 40 40 40 | | 450 NA NA NA 940 565 680 400 11 17 60 235 270 257 276 264 282 223 223 224 234 NA NA 252 NA 179 1172 1135 1150 1150 270 281 291 1772 138 | Well Opened. |
| 2-VEW-4 | 11/27/2001 11/3/2002 11/0/2002 11/0/2002 11/0/2002 11/0/2002 12/4/2002 21/2002 | 13:00 15:00 15:00 15:00 15:00 15:01 15:00 15:11 15:00 14:00 14:00 14:00 14:00 14:00 14:00 14:00 15:00 11:00 16:50 11:00 11:00 15:50 11:00 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 55.5 51.5 55.5 51.5 55.5 55.5 56.5 57 48 58.5 61.5 57 48 58 59.5 51.5 57 60.5 70 70 70 70 70 70 70 70 70 70 | 15 1.8 3.8 2.3 3.1 23.5 1.7 1.9 4.1 4.5 4.8 4.7 4.8 4.8 4.7 5.0 4.7 7 NA 6.1 4.1 4.9 4.1 4.1 4.9 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 | | 450 NA NA NA 940 556 680 400 107 60 167 235 227 227 227 227 224 NA NA NA 209 179 113.8 115.0 122 79 64 123 29 29 172 29 13.8 13.8 15.0 12.2 79 64 17.2 79 64 18.4 NA NA NA NA NA NA NA NA NA | Well Opened Well Closed Well Opened |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 1/10/2002 2/1/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 3/20/2003 4/1/2002 4/7/2002 5/7/2002 | 13:00 15:00 15:00 15:00 18:00 18:00 18:00 18:00 16:00 15:00 15:00 16:00 | 300 200 NAA NA NA 33 21 20.5 NA 59 51.5 55.5 58 55.5 58 58 58 58.5 59.5 58 59.5 58 59.5 59.5 | 15 1.8 3.8 2.3 31 23.5 1.7 9 41 45 48 47 48 50 46 48.5 47 50 61 41 49 41 43 47 46 48 47 48 49 41 49 41 43 47 46 48 47 48 47 46 48 47 46 48 47 47 46 48 47 48 47 48 48 47 46 48 47 48 47 48 48 48 47 48 48 48 47 48 48 48 47 48 48 48 47 48 48 48 47 48 48 48 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | 450 NA NA NA 940 565 680 400 11 67 235 270 257 276 264 232 223 222 223 227 224 NA NA 209 179 117.2 113.8 115.0 112.2 79 67 71 79 67 71 79 67 71 79 79 79 79 79 79 79 79 79 79 79 79 79 | Well Opened. |
| 2-VEW-4 | 11/27/2001 11/3/2002 11/0/2002 | 13:00 15:00 15:00 15:00 15:00 15:01 15:01 15:48 13:00 14:00 14:00 14:00 14:00 14:00 14:00 14:00 14:00 15:50 11:40 17:00 11:50 11:40 17:00 11:50 11:40 17:00 11:50 11:40 17:00 11:50 11:40 11:50 11:40 11:50 11:40 11:50 11:50 11:51 12:48 15:10 15:51 12:48 15:10 15:51 12:48 15:10 15:51 12:48 15:10 15:51 12:48 15:10 15:51 12:48 15:10 15:51 15:51 15:51 15:51 15:51 15:51 15:51 15:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:52 16:55 16:17 16:55 | 30 20 NA NA NA 33 23 21 20.5 NA 59 51.5 55.5 51.5 56 55 58 58 58.5 58.5 58.5 58.5 58.5 58.5 59.5 | 15 1.8 3.8 2.3 3.1 23.5 1.7 1.9 41 41 45 48 47 48 40 48.5 40 47 50 47 NA 61 41 49 49 41 49 49 40 48 47 46 48 47 46 48 57 NA 50 87 87 88 87 87 88 87 88 87 88 87 88 88 | | 450 NA NA NA 940 556 6400 4000 4000 177 60 167 235 2270 2277 2267 2267 2272 224 NA NA NA NA 225 NA NA NA 205 1179 1172 79 64 71 12.2 79 64 71 12.2 79 64 71 12.2 79 64 71 12.2 79 79 80 80 80 80 80 80 80 80 80 80 80 80 80 | Well Opened Well Closed Well Opened |
| 2-VEW-4 | 11/27/2001 1/3/2002 11/0/2002 11/0/2002 11/0/2002 11/0/2002 1/0/2002 1/0/2002 2/0/2002 2/0/2002 2/0/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/0/2002 | 13:00 15:00 15:00 15:00 16:00 | 300 200 NAA NAA 33 32 21 20.5 NA 59 51.5 55.5 55.5 58 58 58 58.5 59.5 58 58.5 59.5 59 | 15 1.8 3.8 2.3 31 23.5 1.7 9 41 45 48 47 48 50 46 48.5 47 50 77 NA 61 41 43 47 46 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | | 450 NA NA NA 940 565 680 400 11 667 235 270 257 276 264 232 223 222 227 244 NA NA 209 179 417.2 115.0 115.0 12.2 79 64 71 72 79 79 78 NA | Well Opened. |
| 2-VEW-4 | 11/27/2001 11/3/2002 11/0/2002 | 13:00 15:00 15:00 15:00 15:00 15:01 15:01 15:48 13:00 11:00 14:20 10:58 10:31 16:50 11:40 17:00 11:00 | 30 20 NA NA NA 33 31 21 20.5 NA 59 51.5 55.5 51.5 56 55 58 58 55.5 58 58 58.5 58.5 58.5 59 | 15 1.8 3.8 2.3 31 23.5 1.19 41 41 45 48 47 48 49 40 47 47 48 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 40 48 50 50 NA 50 NA 50 S8 | | 450 NA NA 940 566 660 400 400 400 257 276 225 226 232 232 232 232 232 232 232 234 NA NA 255 NA NA 255 NA NA 119 112.2 79 64 72 39 NA NA 119 37 37 37 62 | Well Opened |
| 2-VEW-4 | 11/27/2001 1/3/2002 11/0/2002 11/0/2002 11/0/2002 11/0/2002 1/0/2002 1/0/2002 2/0/2002 2/0/2002 2/0/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/0/2002 | 13:00 15:00 15:00 15:00 16:00 | 300 200 NAA NAA 33 32 21 20.5 NA 59 51.5 55.5 55.5 58 58 58 58.5 59.5 58 58.5 59.5 59 | 15 1.8 3.8 2.3 31 23.5 1.7 1.9 41 45 48 47 48 50 46 48.5 47 50 77 NA 61 41 43 47 46 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | | 450 NA NA NA 940 565 680 400 11 667 235 270 257 276 264 232 223 222 227 244 NA NA 209 179 417.2 115.0 115.0 12.2 79 64 71 72 79 79 78 NA | Well Opened |
| 2-VEW-4 | 11/27/2001 1/3/2002 1/10/2002 | 13:00 15:00 15:00 15:00 15:00 15:01 15:01 15:48 13:00 11:00 14:20 10:58 10:31 16:50 11:40 17:00 11:00 | 300 200 NAA NAA 33 32 21 20.5 NA 59 51.5 55.5 51.5 55.5 58 58 58.5 59.5 58 58.5 59.5 58 59.5 59.5 | 15 1.8 3.8 2.3 31 23.5 1.19 41 41 45 48 47 48 49 40 47 47 48 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 40 48 50 50 NA 50 NA 50 S8 | | 450 NA NA NA 940 565 680 400 11 69 257 276 264 232 223 222 272 234 NA NA 252 252 272 294 172 113.8 15.0 179 64 72 39 NA | Well Closed Well Closed Well Closed |

| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
|---------|--|--|--|--|------------|--|--|
| 2-VEW-5 | 11/27/2001 | 13:00 | 90 | 25 | | 1,075 | Well Closed 11/28/01-1/2/02 |
| | 1/3/2002 | 15:00 | 75 | 17 | | 800 | Well Opened |
| | 1/10/2002 | 15:00 | NA | 2.8 | | NA | - |
| | 1/18/2002 | 18:00 | NA | 3.4 | | NA | - |
| | 1/24/2002 1/31/2002 | 15:10 15:48 | NA 65 | 2.5 30 | | NA 1,150 | |
| | 2/1/2002 | 10:00 | 47 | 20 | | 700 | _ |
| | 2/6/2002 | 13:00 | 32 | 16 | | 910 | |
| | 2/15/2002 | 11:00 | 36 | 19 | | 570 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 43 | | 75 | - |
| | 3/29/2002 | 14:20 | 81 | 39 | | 76 | - |
| | 3/30/2002 | 10:58 | 80.5 | 41 | | 99 | Well Opened |
| | 3/31/2002 | 10:31 | 80.5 | 41 | | 102 | - |
| | 4/1/2002 | 16:50 | 80 | 41 | | 107 | - |
| | 4/2/2002 | 11:40 | 86 | 43 | | 91 | - |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | 83.5 86 | 38 42 | | 104 | |
| | 4/6/2002 | 12:00 | 86 85 | 42 41 | | 80 69 | _ |
| | 4/7/2002 | 11:00 | 94.5 | 41.5 | | 63 | - |
| | 4/8/2002 | 12:45 | 87 | 40 | | 61 | - |
| | 4/9/2002 | 8:45 | 87 | 42 | | 78 | - |
| | 4/10/2002 | 14:30 | 85.5 | 40 | | 69 | - |
| | 4/11/2002 4/12/2002 | 19:35 | NA | NA | | NA | Well Closed |
| | | 18:37 | NA | 11 | | NA | - |
| | 4/17/2002 | 15:20 | NA | 6 | | NA | - |
| | 4/23/2002 | 15:51 | NA | 13.5 | | NA | - |
| | 5/3/2002 | 12:48 | NA | 7 | | NA | |
| | 5/9/2002 5/23/2002 | 19:10 16:20 | NA NA | 14 15 | | NA NA | - |
| | 5/23/2002 6/13/2002 | 16:20 8:35 | NA NA | 15 15 | | NA NA | |
| | 6/20/2002 | 10:17 | NA NA | 15.5 | | NA. | |
| | 6/27/2002 | 12:34 | NA. | 14.5 | | NA. | - |
| | 7/3/2002 | 11:00 | NA. | 15 | | NA. | |
| | 7/9/2002 | 14:17 | NA | 15 | | NA. | - |
| | 7/15/2002 | 11:48 | NA | 16 | | NA | |
| | 7/23/2002 | 9:12 | NA | 12 | | NA | - |
| | 7/30/2002 | 13:35 | NA | NA | | NA | - |
| | 8/7/2002 | 15:15 | NA | NA | | NA | - |
| | 8/15/2002 | 15:30 | NA | 12 | | NA | - |
| | 8/20/2002 | 11:28 | NA | 11 | | NA | - |
| | 8/27/2002 | 9:40 | NA | 12 | | NA | - |
| | 9/5/2002 | 10:45 12:45 | NA NA | vent | | NA NA | |
| | 9/19/2002 | 13:20 | NA NA | vent vent | | NA NA | - |
| | 9/25/2002 | 7:02 | 79.5 | 29 | | 3 | - |
| | 10/1/2002 | 15:51 | NA | vent | | NA | - |
| | 10/9/2002 | 9:43 | NA | vent | | NA | - |
| 2-VEW-6 | 11/27/2001 | 13:00 | 52 | 25 | | 9,999 | Well Closed 11/28/01-1/2/02 |
| | 1/3/2002 | 15:00 | NA | 15 | | 625 | Well Opened |
| | | | | 2.3 | | NA | Well Closed |
| | 1/10/2002 | 15:00 | NA | | | | Men Cinsen |
| | 1/10/2002 1/18/2002 | 15:00 18:00 | NA NA | 3.6 | | NA | well closed |
| | 1/10/2002 1/18/2002 1/24/2002 | 15:00 18:00 15:10 | NA NA NA | 3.6 2.5 | | NA NA | - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 | 15:00 18:00 15:10 15:48 | NA NA NA 40 | 3.6 2.5 30 | | NA NA 3,130 | Well Opened |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 | 15:00 18:00 15:10 15:48 10:00 | NA NA NA 40 27 | 3.6 2.5 30 20 | | NA NA 3,130 1,500 | - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 | NA NA NA 40 27 21 | 3.6 2.5 30 20 16 | | NA NA 3,130 1,500 1,530 | - - Weil Opened - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 | NA NA NA 40 27 21 25 | 3.6 2.5 30 20 16 19 | | NA NA 3,130 1,530 1,530 945 | - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 2/27/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 | NA NA NA 40 27 21 25 68 | 3.6 2.5 30 20 16 19 35 | | NA NA 3,130 1,500 1,530 945 520 | - - Weil Opened - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 2/27/2002 3/6/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 | NA NA 40 27 21 25 68 81 | 3.6 2.5 30 20 16 19 35 33 | | NA NA 3,130 1,500 1,530 945 520 433 | - - Weil Opened - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/27/2002 3/6/2002 3/13/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 | NA NA NA 40 27 21 25 68 81 | 3.6 2.5 30 20 16 19 35 33 | | NA NA 3,130 1,500 1,530 945 520 433 335 | - - Weil Opened - |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 2/27/2002 3/6/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 | NA NA 40 27 21 25 68 81 | 3.6 2.5 30 20 16 19 35 33 | | NA NA 3,130 1,500 1,530 945 520 433 | Well Opened Well Closed |
| | 1/1.0/2002 1/1.8/2002 1/2.4/2002 1/3.1/2002 2/1/2002 2/1.5/2002 2/2.7/2002 3/6/2002 3/1.3/2002 3/2.0/2002 3/2.9/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 10:30 9:00 14:35 10:45 10:00 14:20 | NA NA NA 40 27 21 25 68 81 81 62 56 | 3.6 2.5 30 20 16 19 35 33 34 30 28 | | NA NA 3,130 1,500 1,530 945 520 433 335 280 241 | - - Weil Opened - |
| | 1/1 0/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 3/29/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 10:30 9:00 14:35 10:45 10:00 14:20 | NA NA NA 40 27 21 25 68 81 81 62 56 | 3.6 2.5 30 20 16 19 35 33 34 30 28 | | NA NA 3,130 1,530 1,530 945 520 433 335 280 241 246 | Well Opened Well Closed |
| | 1/1 0/2002 1/1 8/2002 1/2 4/2002 1/3 1/2002 2/4/2002 2/6/2002 2/2 7/2002 3/6/2002 3/1 3/2002 3/2 9/2002 3/2 9/2002 3/3 9/2002 3/3 9/2002 3/3 9/2002 3/3 9/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 | NA NA NA 40 27 21 25 68 81 81 62 56 85 78.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 | | NA NA 3,130 1,500 1,530 945 520 433 335 280 241 | Well Opened Well Closed |
| | 1/1 0/2002 1/1 8/2002 1/2 4/2002 1/3 1/2002 2/1 / 2002 2/1 / 2002 2/1 / 2002 2/2 / 2002 3/3 / 2002 3/3 / 2002 3/2 / 2002 3/3 / 2002 | 15:00 18:00 15:10 15:48 10:00 13:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 | NA N | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 | | NA 3,130 1,550 1,550 945 520 433 355 280 241 246 263 262 245 | Well Opened Well Closed |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/6/2002 2/17/2002 2/17/2002 3/6/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 4/1/2002 4/1/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 | NA NA 40 27 21 25 68 81 62 56 68 78.5 85 81 66 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 | | NA NA 3.130 1.500 1.550 945 520 433 335 280 241 246 263 262 245 268 | Well Opened. Well Closed Well Opened. |
| | 1/10/2002 1/18/2002 1/24/2002 1/24/2002 2/1/2002 2/1/2002 2/1/2002 2/1/2002 3/4/2002 3/4/2002 3/4/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 3/3/2002 4/2/2002 4/2/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 | NA NA NA 40 27 21 25 68 81 81 62 56 85 78.5 87 81 86 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 | | NA 3,130 1,550 1,550 1,550 945 520 433 355 280 241 246 263 262 245 208 | Well Opened Well Closed |
| | ILI0/2002 ILI8/2002 ILI8/2002 2I/2002 2I/2002 2I/2002 2I/2002 2I/2002 2I/2002 3I/3/2002 3I/3/2002 3I/3/2002 3I/3/2002 3I/3/2002 3I/3/2002 4I/2002 4I/2002 4I/2002 4I/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 | NA NA NA NA 40 27 21 25 68 81 60 57 85 88 87 88 86 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 | | NA NA 3.1300 1.5500 1.5500 433 3355 280 241 246 263 262 245 208 222 209 | Well Opened. Well Closed Well Opened. |
| | L10/2002 L1A8/2002 L2A/2002 L2A/2002 L2A/2002 21/2002 24/2002 25/2002 25/2002 36/2002 46/2002 46/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 11:30 12:00 | NA NA NA 40 27 21 25 68 81 81 62 56 85 78.5 87 86 87 98 94.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 | | NA 3.130 1.500 1.500 1.500 1.530 945 520 433 335 280 241 244 263 263 262 205 208 222 209 172 | Well Opened. Well Closed Well Opened. |
| | ILIO/2002 ILIA/2002 ILIA/2002 ILIA/2002 21/2002 | 15:00 18:00 15:10 15:48 10:00 13:00 11:00 10:30 9:00 14:35 10:45 10:35 10:35 10:35 10:35 10:31 11:30 11:30 11:30 11:30 | NA NA NA 40 27 21 25 68 81 81 62 55 78.5 87 81 86 87 98 94.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 45 40 43 42.5 43.5 | | NA NA 3.1,300 1.5500 1.5500 945 520 433 335 280 241 246 263 262 245 208 222 209 172 168 | Well Opened. Well Closed Well Opened. |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/1/2002 2/5/2002 3/6/2002 3/6/2002 3/29/2002 3/29/2002 3/31/2002 3/31/2002 3/31/2002 3/31/2002 3/31/2002 4/1/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 | 15:00 18:00 15:10 15:48 10:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:51 11:40 17:00 11:30 12:20 11:00 12:20 11:00 | NA NA NA 40 27 21 25 68 81 81 62 56 85 78.5 87 88 94.5 93.5 96.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 43,5 | | NA 3.130 1.500 1.500 1.500 1.550 945 520 433 335 280 241 246 226 245 245 222 209 172 168 165 | Well Opened. Well Closed Well Opened. |
| | L110/2002 L124/2002 L124/2002 L124/2002 L124/2002 21/2002 21/2002 21/2002 21/2002 21/2002 31/2002 31/2002 31/2002 31/2002 31/2002 31/2002 31/2002 31/2002 31/2002 41/2002 | 15:00 18:00 15:10 15:48 16:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:30 12:00 12:00 12:00 12:00 13:00 14: | NA NA 400 27 21 25 68 81 81 62 56 87 85 87 86 87 98 94.5 96.5 95.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 43,5 43 | | NA 3.130 1.500 1.500 1.500 4.33 9.55 520 4.33 9.33 9.35 280 241 246 265 262 245 208 222 209 172 168 165 268 | Well Opened. Well Closed Well Opened. |
| | 1/10/2002 1/18/2002 1/24/2002 1/31/2002 2/1/2002 2/1/2002 2/5/2002 3/6/2002 3/6/2002 3/29/2002 3/29/2002 3/31/2002 3/31/2002 3/31/2002 3/31/2002 3/31/2002 4/1/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 | 15:00 18:00 15:10 15:10 15:10 15:48 10:00 13:00 13:00 11:00 10:30 9:00 14:35 10:00 14:20 10:58 10:51 11:40 17:00 11:30 11:30 11:40 12:45 10:51 11:40 11:40 12:45 8:45 | NA NA NA 400 27 21 25 68 81 81 62 56 85 78.5 87 81 86 87 88 93.5 93.5 93.5 97.5 97.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 43,5 | | NA 3.130 1.500 1.500 1.500 1.550 945 520 433 335 280 241 246 226 245 245 222 209 172 168 165 | Well Opened. Well Closed Well Opened. |
| | 11,02902 11,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 12,02902 13,02902 13,02902 13,02902 13,02902 14,02902 | 15:00 18:00 15:10 15:48 16:00 13:00 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:30 12:00 12:00 12:00 12:00 13:00 14: | NA NA 400 27 21 25 68 81 81 62 56 87 85 87 86 87 98 94.5 96.5 95.5 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 44 40 43 42.5 43.5 44 44 42.5 | | NA 3.130 1.5500 1.5500 1.5500 2.520 3.35 5.20 2.41 2.65 2.02 2.65 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.0 | Well Opened. Well Closed Well Opened. |
| | 11 10/2002 11 10/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 12 14/2002 14 | 15:00 18:00 15:10 15:10 15:10 15:48 10:00 11:00 11:00 10:30 9:00 14:25 10:05 10:05 10:05 10:05 10:05 11:40 17:00 11:00 11:00 12:245 8:45 14:30 19:35 18:37 | NA N | 3.6 2.5 30 20 16 19 35 30 30 30 20 16 40 41 42 43 45 40 43 42 43 44 44 43 44 44 47 | | NA NA 3.130 1.500 1.500 1.550 945 520 433 333 280 241 246 265 262 245 208 222 209 172 168 165 263 265 209 177 188 NA NA 158 | Well Opened. Well Closed Well Opened. |
| | L10/2002 L18/2002 L28/2002 | 15:00 18:00 15:10 15:10 15:10 15:48 10:00 11:00 11:00 10:30 9:00 14:25 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:20 12:45 8:45 14:30 19:35 18:37 15:20 | NA NA NA 400 27 21 25 68 81 81 62 56 85 78.5 87 81 86 87 94.5 94.5 95.5 97.5 87 NA 107 108 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 43 43 43.5 43.5 43 44 44 37 44 | | NA NA 3,130 1,550 1,550 1,550 945 520 433 335 280 241 246 265 202 245 208 222 209 172 168 208 165 208 165 NA NA 158 NA | Well Opened. Well Closed Well Opened. |
| | L1 10/2002 L1 18/2002 L2 4/2002 L2 4/2002 | 15:00 18:00 15:10 15:10 15:10 15:48 10:00 11:00 11:00 10:30 9:00 14:05 10:05 10:05 10:05 10:05 10:05 11:40 17:00 11:00 1 | NA N | 3.6 2.5 30 20 16 19 35 30 30 20 16 40 41 42 43 45 40 43 42.5 43.5 43 44 44 44 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | | NA NA 3.130 1.500 1.550 1.550 9.45 520 433 333 220 241 246 265 262 245 208 222 209 172 168 165 208 165 208 172 178 185 NA | Well Opened. Well Closed Well Opened. |
| | L110/2002 L124/2002 L124/2 | 15:00 18:00 15:10 15:10 15:10 15:48 10:00 11:00 11:00 10:30 9:00 14:10 16:30 1 | NA NA A 40 27 21 25 68 81 81 60 55 78.5 87 81 86 87 98 94.5 99.5 95.5 87 81 104 107 108 98 83 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 43 42.5 43 44 42 43 43 44 47 NA | | NA NA 3,130 1,550 1,550 1,550 945 520 433 335 280 241 246 263 202 245 288 222 209 172 168 165 208 165 NA NA 158 NA 110 105 | Well Opened. Well Closed Well Opened. |
| | L10/2002 L14/2002 L14/2002 L24/2002 | 15:00 18:00 15:10 15:10 15:10 15:10 15:48 10:00 11:00 11:00 11:00 10:00 11:00 10:00 11:00 10:00 11:00 | NA NA NA 40 27 21 21 25 68 81 81 62 56 85 78.5 78.5 96.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98 | 3.6 2.5 30 20 16 19 35 33 30 28 46 44 42 43 45 40 43 42.5 43 44 42 43 45 40 43 47 47 47 37 37 | | NA NA 3.130 1.500 1.500 1.500 1.500 2.50 945 520 433 335 220 246 246 246 226 226 227 172 168 165 208 165 185 NA NA 188 NA 188 NA 100 105 8 | Well Opened. Well Closed Well Closed Well Opened. |
| | L110/2002 L124/2002 L124/2 | 15:00 18:00 15:10 15:10 15:10 15:10 15:48 10:00 11:00 11:00 10:30 9:00 10:00 1 | NA NA NA 400 27 21 25 68 81 81 62 56 57 85 78.5 81 86 87 98 94.5 93.5 96.5 97.5 87 NA 1107 108 98 83 88.5 88.5 | 3.6 2.5 30 20 16 19 33 34 30 28 46 44 42 43 45 40 41 42 43 45 44 47 47 48 47 48 47 48 47 48 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | NA NA 3.1300 1.5000 1.5000 1.5000 1.5000 9-55 5323 3353 280 241 246 246 246 245 208 109 172 202 202 205 173 168 165 NA NA NA NA NA 158 NA NA 158 NA NA 158 NA NA 1105 8 | Well Opened. Well Closed Well Closed Well Opened. |
| | L10/2002 L1/4/2002 | 15:00 15:10 15:10 15:10 15:10 15:48 10:00 11:100 11:100 10:30 9:00 11:100 10:30 9:00 14:20 14:20 10:31 16:30 10:31 16:30 10:31 16:30 11:40 11:20 | NA NA NA 40 27 21 25 68 81 81 62 56 85 78.5 78.5 86 99 4.5 93.5 96.5 95.5 87 NA 104 106 88 88 88 88 88 88 88 88 88 88 88 88 88 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 43.5 44 47 7 7 44 47 7 7 39 | | NA NA 3.1300 1.5500 1.5500 1.5500 2.520 433 335 280 244 245 245 226 229 272 168 222 229 172 168 165 NA 18A 18A 18A 18A 110 105 8 | Well Opened. Well Closed Well Closed Well Opened. |
| | L110/2002 L124/2002 L124/2 | 15:00 18:00 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 16:10 16:10 16:10 16:10 16:10 16:10 16:10 16:10 16:10 17:10 16:10 17:10 11:10 17:10 11:10 | NA NA NA 400 27 21 25 68 81 81 62 56 57 85 78.5 81 86 87 98 94.5 95.5 97.5 87 NA 1107 108 98 88.5 88.5 88.5 88.5 88.5 | 3.6 2.5 30 20 16 19 33 34 30 28 46 44 42 43 45 40 42.5 43 45 44 47 47 47 44 47 44 48 | | NA NA 3.1300 1.5000 1.5000 1.5000 1.5000 9455 520 4243 2261 2241 2246 2263 2262 2245 2202 227 227 228 165 165 NA NA NA 1.155 NA NA 1.155 NA 1.10 1.0 8 7 | Well Opened. Well Closed Well Closed Well Opened. |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 115:48 10:00 13:10 10:00 14:10 10:00 14:25 10:00 14:25 10:00 14:25 10:00 14:25 10:00 14:25 10:00 12:00 | NA NA NA 40 27 27 26 88 81 81 82 56 88 78.5 87 87 87 84 104 107 108 88 88 88 88 88 88 88 88 88 88 88 88 8 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42.5 43.5 44 47 47 37 39 44 44 43 43 | | NA NA 3.1300 1.5500 1.5500 1.5500 945 520 433 335 280 244 6 245 246 245 228 209 172 168 208 165 NA 1188 NA 1188 NA 110 1105 8 10 | Well Opened. Well Closed Well Opened. |
| | L1 10/2002 L1 4/2/2002 L2 4/2/2002 L | 15:00 18:00 15:10 18:00 15:10 18:00 15:10 18:00 11:00 10:30 9:00 14:25 10:05 10:45 10:00 11:00 11:00 11:20 1 | NA N | 3.6 2.5 30 20 16 19 33 34 30 30 30 30 30 46 44 42 43 45 40 43 42 80 44 43 45 40 47 47 48 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | NA NA 3.130 1.5500 1.5500 1.5500 2.55 520 433 333 280 280 262 241 246 263 262 265 262 209 172 165 165 NA NA 158 NA 110 105 8 10 8 17 40 255 | Well Opened. Well Closed Well Opened. |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:48 10:00 15:10 11:00 11:00 10:00 | NA NA NA 400 271 25 68 81 81 62 56 85 78.5 87 81 86 93.5 96.5 96.5 97 NA 104 107 108 98 88 88.5 88.5 88.5 88.5 88.5 88.5 88 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 44 37 44 37 44 37 44 47 48 | | NA NA 3.1300 1.5500 1.5500 1.5500 2.550 945 520 433 335 280 241 244 245 245 245 245 245 245 245 245 288 222 209 172 168 165 208 165 NA 110 105 8 10 105 8 10 105 8 10 105 8 10 105 8 10 105 8 10 105 8 10 105 8 10 105 8 | Well Opened. Well Closed Well Closed Well Opened. |
| | L1 10/2002 L1/4/2002 L1/4/2002 L2/4/2002 L2/4/2002 L2/4/2002 L2/1/2002 L2/1/2002 L2/1/2002 L2/1/2002 L2/1/2002 L2/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L3/1/2002 L4/1/2002 L4/1/ | 15:00 18:00 15:1.0 18:00 15:1.0 10:00 10:1.00 10:00 10 | NA N | 3.6 2.5 30 20 16 19 33 34 30 30 30 30 30 46 44 42 43 45 40 43 42 81 44 43 45 40 47 57 44 47 57 44 48 48 | | NA NA 3.130 1.5500 1.5500 1.5500 2.555 520 433 333 280 241 246 265 262 245 208 222 209 172 168 8 165 165 NA NA 158 NA 110 105 8 10 10 10 10 10 10 10 10 10 10 10 10 10 | Well Opened. Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:10 15:48 10:00 15:10 13:00 14:00 16:00 | NA NA NA 400 271 25 68 81 81 62 56 85 78.5 87 81 86 93.5 96.5 96.5 97.5 NA 104 107 108 98 88 88.5 88.5 88.5 88.5 88.5 88.5 88 | 3.6 2.5 30 20 16 19 35 33 34 30 28 46 44 42 43 45 40 43 42 57 44 37 44 37 44 37 44 37 44 37 44 37 44 37 44 37 44 37 | | NA NA 3.1300 1.5500 1.5500 1.5500 2.550 945 520 433 335 280 241 246 246 246 246 246 246 247 247 246 248 248 248 248 248 248 248 248 248 248 | Well Opened Well Closed Well Opened |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 10:00 10:10 10:00 11:00 11:00 11:00 10:00 14:35 10:05 | NA NA NA NA A 40 27 21 21 25 68 81 81 62 56 88 78 87 98 94 15 93.5 96.5 95.5 96.5 98.5 98.5 88 88 88 88 88 88 88 88 88 88 88 88 88 | 3.6 2.5 30 20 16 19 33 34 30 32 28 46 44 42 43 45 40 43 42 43 44 43 44 47 37 44 48 48 48 NA veent | | NA NA 3.130 1.5500 1.5500 1.5500 2.555 520 333 3333 2241 246 246 265 262 245 208 222 209 1722 168 208 165 208 208 208 208 208 208 208 208 208 208 | Well Opened. Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:10 15:48 10:00 15:10 11:00 10:00 | NA NA NA 400 271 255 68 81 81 69 55 78.5 87 81 86 87 81 86 87 98.5 94.5 96.5 87 104 107 108 98 88.5 88.5 88.5 88.5 88.5 88.5 88.5 | 3.6 2.5 30 20 16 19 335 34 30 28 46 44 42 43 45 43 42.5 43 44 42 57 7 44 44 47 47 47 48 80 NA vent vent | | NA NA 3.1300 1.5500 1.5500 1.5500 2.55 5.52 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.8 | Well Opened. Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 16:10 16:00 16:10 16:00 16:10 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 16:00 16:15 | NA NA NA NA 40 27 21 21 25 68 81 81 62 56 88 78.5 78.5 78.5 78.5 80 81 81 81 82 88 88 88 88 88 88 88 88 88 88 88 88 | 3.6 2.5 30 20 16 19 35 33 30 20 20 16 20 20 20 20 20 20 20 20 20 20 20 20 20 | | NA NA 3.1300 1.5500 1.5500 1.5500 2.550 945 520 3333 335 220 2241 246 246 2263 2262 229 2172 168 2222 219 172 168 105 8 NA | Well Opened Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:10 15:48 10:00 15:10 11:00 10:00 | NA NA NA 400 271 268 81 81 62 566 857 85.5 87 81 86 87 81 86 87 98.5 94.5 94.5 95.5 87 104 107 108 98 88.5 88.5 88.5 88.5 88.5 88.5 81 10.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 8 | 3.6 2.5 30 20 16 19 33 34 30 28 46 44 42 43 43 44 45 43 44 47 37 44 47 47 48 48 48 NA vent vent vent vent | | NA NA 3.1300 1.5000 1.5000 1.5000 1.5000 9455 520 4241 246 265 262 245 208 222 209 1172 228 165 165 NA | Well Opened Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 16:10 16:10 16:10 16:10 16:10 17:10 16:10 17:10 16:10 17:10 | NA NA NA NA 40 27 21 25 68 81 81 62 56 88 78.5 78.5 78.5 78.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 9 | 3.6 2.5 30 20 16 19 35 33 30 20 20 16 20 20 20 20 20 20 20 20 20 20 20 20 20 | | NA NA 3.1300 1.5500 1.5500 1.5500 2.550 945 520 3333 335 220 2241 246 246 2263 2262 229 2172 168 2222 219 172 168 105 8 NA | Well Opened Well Closed |
| | L10/2002 L14/2002 | 15:00 18:00 15:10 18:00 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 16:10 | NA NA NA NA 40 27 21 25 68 81 81 62 56 885 78.5 87 86 99 94.5 93.5 96.5 95.5 87 NA 104 107 108 88 88 88 88 88 88 88 88 88 88 88 88 8 | 3.6 2.5 30 20 16 19 35 33 34 36 46 44 42 43 45 40 43 42 51 43 44 44 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | NA NA 3.130 1.5500 1.5500 1.5500 1.5500 945 520 945 520 241 246 246 246 246 246 246 246 246 248 248 222 209 172 168 208 165 NA 110 105 8 10 8 7 40 25 55 18 NA | Well Opened Well Closed |
| | L1 10/2002 L1 18/2002 L2 4/2002 L2 | 15:00 18:00 15:10 18:00 15:10 15:10 11:00 10:10 | NA N | 3.6 2.5 30 20 16 19 33 39 30 30 30 30 30 46 44 42 43 45 40 43 45 44 44 47 47 37 44 44 47 48 48 48 NA vent vent vent vent vent vent vent vent | | NA NA 3.1.30 1.5500 1.5500 1.5500 2.555 520 3280 243 3280 244 246 263 262 245 208 222 209 1767 268 165 165 NA NA 158 NA 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 110 105 8 106 106 107 108 108 109 108 109 109 109 109 109 109 109 109 109 109 | Well Opened Well Closed |
| | L10/2002 L14/2000 | 15:00 18:00 15:10 18:00 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 15:10 16:10 | NA NA NA NA 40 27 21 25 68 81 81 62 56 885 78.5 87 86 99 94.5 93.5 96.5 95.5 87 NA 104 107 108 88 88 88 88 88 88 88 88 88 88 88 88 8 | 3.6 2.5 30 20 16 19 35 33 34 36 46 44 42 43 45 40 43 42 51 43 44 44 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | NA NA 3.130 1.5500 1.5500 1.5500 1.5500 945 520 945 520 241 246 246 246 246 246 246 246 246 248 248 222 209 172 168 208 165 NA 110 105 8 10 8 7 40 25 55 18 NA | Well Opened Well Closed |

| ystem: | Building 2 SVE | system | | | | | |
|----------|--|--|---|---|------------|---|----------------------------|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
| 2-VEW-7A | 11/27/2001 | 13:00 | 13 | 25 | | 360 | Well Closed 11/28/01-1/2/0 |
| | 1/3/2002 | 15:00 | 75 | 2.0 | | 100 | Well Opened |
| | 1/10/2002 1/18/2002 | 15:00 18:00 | NA 17 | 1.4 50 | | NA 600 | |
| | 1/24/2002 | 15:10 | 15 | 48 | | 940 | - |
| | 1/31/2002 | 15:48 | 8 6 | 30 | | 1,100 | |
| | 2/L/2002 2/6/2002 | 10:00 13:00 | 16 | 21 4.5 | | 730 775 | - |
| | 2/15/2002 | 11:00 | 6 | 18 | | 333 | Well Closed |
| | 3/20/2002 3/29/2002 | 14:00 14:20 | NA 11.6 | 53 41 | | 17 25 | Well Opened |
| | 3/30/2002 | 10:58 | 12 | 44 | | 39 | wen openen |
| | 3/31/2002 | 10:31 | 13.6 | 43.5 | | 54 | - |
| | 4/L/2002 4/2/2002 | 16:50 11:40 | 14.1 13 | 43 46 | | 73 73 | - |
| | 4/4/2002 | 17:00 | 11.8 | 41.5 | | 81 | - |
| | 4/5/2002 | 11:30 | 15.4 | 45 | | 59 | - |
| | 4/6/2002 4/7/2002 | 12:00 11:00 | 14.4 14.4 | 44 45 | | 51 51 | |
| | 4/8/2002 | 12:45 | 14.4 | 45 | | 47 | - |
| | 4/9/2002 | 8:45 | 13.7 | 45 | | 55 53 | |
| | 4/10/2002 4/11/2002 | 14:30 19:35 | 13.3 NA | 44 NA | | NA. | Well Closed |
| | 4/12/2002 | 18:37 | 104 | 9 | | NA | - |
| | 4/17/2002 | 15:20 15:51 | 107 | 5 | | NA. | |
| | 4/23/2002 5/3/2002 | 12:48 | 108 98 | 12 6 | | NA NA | |
| | 5/9/2002 | 19:10 | 83 | 11 | | NA | |
| | 5/23/2002 6/13/2002 | 16:20 8:35 | NA NA | 12 13 | | NA NA | |
| | 6/20/2002 | 10:17 | NA NA | 12 | | NA NA | |
| | 6/27/2002 | 12:34 | NA | 12 | | NA | |
| | 7/3/2002 | 11:00 | NA | 12 | | NA. | |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | NA NA | 13 13 | | NA NA | |
| | 7/23/2002 | 9:12 | NA | 11.5 | | NA | |
| | 7/30/2002 | 13:35 | NA | NA | | NA | |
| | 8/7/2002 8/15/2002 | 15:15 15:30 | NA NA | NA 9 | | NA NA | |
| | 8/20/2002 | 11:28 | NA | 8 | | NA | |
| | 8/27/2002 | 9:40 | NA | 8 | | NA | |
| | 9/5/2002 9/13/2002 | 10:45 12:45 | NA NA | 8 | | NA NA | |
| | 9/19/2002 | 13:20 | NA | 9 | | NA | |
| | 9/25/2002 10/1/2002 | 7:02 15:51 | 11.8 | 29 9 | | 4 NA | |
| | 10/9/2002 | 9:43 | NA NA | 10 | | NA. | - |
| 2-VEW-7B | 11/27/2001 | 13:00 | 60 | 25.0 | | 600 | Initial Startup |
| | 11/28/2001 | 13:15 | NA NA | 0.3 | | NA NA | Well Closed |
| | 11/30/2001 | 14:20 17:10 | NA NA | 0.9 | | NA NA | - |
| | 12/4/2001 | 10:15 | NA | 1.2 | | NA | |
| | 12/5/2001 | 16:30 8:30 | NA NA | 0.8 1.0 | | NA NA | - |
| | 12/6/2001 12/7/2001 | 7:30 | NA NA | 1.4 | | NA NA | - |
| | 12/8/2001 | 16:00 | NA | 0.1 | | NA | - |
| | 12/9/2001 12/10/2001 | 13:00 16:00 | NA NA | 0.0 0.5 | | NA NA | - |
| | 12/11/2001 | 11:00 | NA. | 1.6 | | NA NA | - |
| | 12/12/2001 | 19:15 | 75 | 27.0 | | 5,450 | Well Opened |
| | 12/13/2001 12/20/2001 | 11:15 15:10 | 85 95 | 29.0 34.0 | | 4,380 9,999 | |
| | 12/28/2001 | 11:00 | 75 | 20.0 | | 100 | - |
| | 1/3/2002 | 15:00 | 75 | 20.0 | | 100 | - |
| | 1/10/2002 1/18/2002 | 15:00 18:00 | NA NA | 1.9 3.5 | | NA NA | Well Closed |
| | 1/24/2002 | 15:10 | NA | 2.4 | | NA. | - |
| | 1/31/2002 | 15:48 | 57 | 29.0 | | 1,060 | Well Opened |
| | 2/L/2002 2/6/2002 | 10:00 13:00 | 40 34 | 21.0 17.0 | | 920 850 | |
| | 2/15/2002 | 11:00 | 34 | 18 | | 850 | |
| | 2/27/2002 | 10:30 | 70 | 36 | | 800 | - |
| | 3/6/2002 3/13/2002 | 9:00 14:35 | 65 78 | 34 35 | | 677 495 | - |
| | 3/20/2002 | 10:45 | 91 | 35 | | 420 | - |
| | 3/29/2002 | 10:00 | 64 | 44 | | 422 | - |
| | 3/29/2002 3/30/2002 | 14:20 10:58 | 77.5 58.5 | 40 42 | | 385 406 | - |
| | 3/31/2002 | 10:31 | 59 | 41.5 | | 431 | - |
| | 4/1/2002 | 16:50 11:40 | 78 | 42 | | 375 | - |
| | | 11:40 | 81 85 | 44 39.5 | | 351 421 | - |
| | 4/2/2002 4/4/2002 | | | | | / Art | |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | 107 | 42.5 | | 390 | |
| | 4/4/2002 4/5/2002 4/6/2002 | 17:00 11:30 12:00 | 107 104 | 42.5 42 | | 323 | - |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | 107 | 42.5 | | | - |
| | 4/4/2002 4/5/2002 4/6/2002 4/7/2002 | 17:00 11:30 12:00 11:00 | 107 104 102 | 42.5 42 43 44 44 | | 323 310 | |
| | 4/4/2002 4/5/2002 4/6/2002 4/7/2002 4/8/2002 4/9/2002 4/10/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 | 107 104 102 101 106 80 | 42.5 42 43 44 44 42 | | 323 310 310 352 319 | |
| | 4/4/2002 4/5/2002 4/6/2002 4/7/2002 4/7/2002 4/9/2002 4/10/2002 4/11/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 | 107 104 102 101 106 80 NA | 42.5 42 43 44 44 42 NA | | 323 310 310 352 319 NA | |
| | 4/4/2002 4/5/2002 4/5/2002 4/7/2002 4/8/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 | 107 104 102 101 106 80 NA 114 114.5 | 42.5 42 43 44 44 42 NA 43 36 | | 323 310 310 352 319 NA NA 305 | - |
| | 4/4/2002 4/5/2002 4/6/2002 4/7/2002 4/7/2002 4/9/2002 4/10/2002 4/11/2002 4/17/2002 4/17/2002 4/17/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 | 107 104 102 101 106 80 NA 114 114.5 | 42.5 42 43 44 44 42 NA 43 36 | | 323 310 310 352 319 NA NA 305 | - |
| | 4/4/2002 4/5/2002 4/5/2002 4/7/2002 4/8/2002 4/10/2002 4/10/2002 4/11/2002 4/17/2002 4/23/2002 5/3/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 | 107 104 102 101 106 80 NA 114 114,5 109 58 | 42.5 42 43 44 44 42 NA 43 36 44 | | 323 310 310 352 319 NA NA 305 NA | - |
| | 4/4/2002 4/5/2002 4/6/2002 4/7/2002 4/7/2002 4/9/2002 4/10/2002 4/11/2002 4/17/2002 4/17/2002 4/17/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 | 107 104 102 101 106 80 NA 114 114.5 | 42.5 42 43 44 44 42 NA 43 36 | | 323 310 310 352 319 NA NA 305 NA 178 164 | - |
| | 4/4/2002 4/5/2002 4/5/2002 4/7/2002 4/7/2002 4/9/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/17/2002 5/2/2002 5/2/2002 5/2/2002 5/2/2002 5/1/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 | 42.5 42 43 44 44 42 NA 43 36 44 36.5 39 | | 523 310 310 352 319 NA NA 305 NA 178 164 * 11 | - |
| | 4/4/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/10/2002 4/11/2002 4/11/2002 4/17/2002 4/23/2002 5/3/2002 5/3/2002 5/3/2002 6/20/2002 6/20/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 39.5 | 42.5 42 43 44 44 42 NA 43 36 44 36.5 39 43 44 | | 923 310 310 352 319 NA 305 NA 178 164 * 111 * 9.5 | - |
| | 4/4/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/5/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/17/2002 4/23/2002 5/3/2002 5/3/2002 5/3/2002 5/3/2002 6/23/2002 6/20/2002 6/20/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 8:35 10:17 12:34 | 107 104 102 101 106 80 NA 114 114.5 109 58 87.5 86.5 39.5 86.5 | 42.5 42. 43 44 44 42 NA 43 36 44 36.5 39 43 44 | | 523 310 310 352 319 NA NA 305 NA 178 164 * 11 * 9.5 * 9.0 * 6.5 | |
| | 44/2002 4/5/2002 4/7/2002 4/7/2002 4/8/2002 4/9/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/12/2002 5/3/2002 5/3/2002 5/3/2002 6/20/2002 6/20/2002 6/20/2002 6/20/2002 6/20/2002 7/3/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 78 | 42.5 42 43 44 44 42 NA 43 36 44 36.5 39 43 44 44 43 42 44 | | 523 310 310 352 319 NA NA 305 NA 108 118 118 9.5 9.5 44 44 32 | |
| | 44/2002 46/2002 46/2002 48/2002 48/2002 48/2002 41/10002 41/12002 41/12002 41/12002 42/2002 58/2002 58/2002 58/2002 58/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 57/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 39.5 86.5 78 | 42.5 42.43 44 44 42. NA 43 36 44 45.5 39 43 44 44 43 42 44 | | 523 510 510 552 519 NA NA 505 NA 178 164 * 11 * 9.5 * 9.0 * 6.5 44 32 47 | |
| | 44/2002 48/2002 48/2002 48/2002 48/2002 48/2002 41 10/2002 41 12/2002 41 12/2002 41 12/2002 41 12/2002 41 12/2002 52/2002 52/2002 62/2002 62/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 78/2002 | 11:00 11:200 11:200 11:204 12:45 8:45 14:30 19:35 18:37 15:21 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:34 9:12 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 39.5 86.5 78 107 96 | 42.5 42.43 44 44 42 NA 43 36 44 36.5 39 43 44 44 43 42 44 48 48 | | 523 310 310 352 319 NA NA 305 NA 178 4 118 4 11 8 9.5 9.5 4,6,5 44 32 47 19 | |
| | 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 41/2002 | 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 39.5 78 107 96 121 NA 128 | 42.5 42.43 44 44 42. NA 43 36 44 36.5 39 43 44 44 43 42 44 48 88 NA 52. | | 523 510 510 510 552 319 NA NA 305 NA 178 4 111 2 9.5 4,6 5 44 32 47 19 NA | |
| | 44/2002 46/2002 46/2002 46/2002 48/2002 48/2002 48/2002 48/2002 41/2002 41/2002 41/2002 41/2002 41/2002 52/2002 53/ | 17:00 11:30 12:00 11:00 12:05 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 | 107 104 102 101 106 80 NA 114 114.5 109 \$8 86.5 99.5 86.5 107 78 107 96 121 NA 128 96 | 42.5 42 43 44 44 42 NA 43 56 53 59 43 44 44 43 42 44 48 88 NA 552 46 | | 523 510 510 510 512 519 518 518 518 518 518 518 518 518 64 61 61 61 61 63 65 65 65 65 64 65 65 65 65 65 66 66 66 66 66 66 66 66 | |
| | 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 41/2002 | 17:00 11:30 12:00 11:00 12:05 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:34 11:48 19:12 13:35 15:15 15:15 15:15 15:15 15:15 | 107 104 102 101 106 80 NA 114 1145 109 85.73 87.5 86.5 39.5 86.5 107 107 NA 121 NA 128 96 NA | 42.5 42 43 44 44 42.2 3NA 43 43 44 44 45.5 39 43 44 44 42 44 48 48 88 NA 52.2 46 10 | | 523 510 510 510 552 319 NA NA 305 NA 178 + 11 1 1 1 1 + 9.5 * 9.0 * 6.5 44 47 19 NA NA | |
| | 44/2002 46/2002 46/2002 46/2002 48/2002 48/2002 48/2002 48/2002 41/2002 41/2002 41/2002 41/2002 41/2002 52/2002 53/ | 17:00 11:30 12:00 11:00 12:05 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 | 107 104 102 101 106 80 NA 114 114.5 109 \$8 86.5 99.5 86.5 107 78 107 96 121 NA 128 96 | 42.5 42 43 44 44 42 NA 43 56 53 59 43 44 44 43 42 44 48 88 NA 552 46 | | 523 510 510 510 512 519 518 518 518 518 518 518 518 518 64 61 61 61 61 63 65 65 65 65 64 65 65 65 65 65 66 66 66 66 66 66 66 66 | |
| | 44/2002 46/2002 46/2002 46/2002 48/2002 48/2002 48/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 52/ | 17:00 11:30 12:200 11:100 12:245 8:45 14:30 19:35 18:37 15:20 15:51 12:248 19:10 16:20 8:35 10:17 12:244 11:00 14:17 11:28 9:12 11:28 11:28 11:28 10:45 10:4 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 386.5 386.5 107 121 NA 128 128 128 128 128 128 128 NA NA NA NA | 42.5 42 43 44 44 44 42 NA 43 56 44 44 44 44 44 48 48 NA 52 46 10 10 | | 523 310 310 310 310 352 519 NA NA 105 305 178 178 164 111 195 190 16.5 44 32 47 19 NA NA NA NA NA | |
| | 44/2002 48/2002 48/2002 48/2002 48/2002 48/2002 48/2002 41/12002 41/12002 41/12002 41/12002 41/12002 41/12002 58/200 | 17:00 11:30 12:200 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 18:35 10:17 12:34 11:00 14:17 11:48 19:18 19:10 16:20 11:28 11:28 11:00 10:45 10:17 11:48 11:40 | 107 104 102 101 106 80 NA 114 1115 109 58 58 57 86.5 39.5 86.5 78 107 96 121 NA 128 NA NA NA NA NA | 42.5 42 43 44 44 44 43 43 43 44 44 44 43 44 44 | | 523 310 310 310 310 352 319 NA NA 305 NA 178 164 +11 +9.5 +9.0 +0.5 -44 12 27 17 NA NA NA NA NA NA | |
| | 44/2002 46/2002 46/2002 46/2002 48/2002 48/2002 48/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 41/10/2002 52/ | 17:00 11:30 12:200 11:100 12:245 8:45 14:30 19:35 18:37 15:20 15:51 12:248 19:10 16:20 8:35 10:17 12:244 11:00 14:17 11:28 9:12 11:28 11:28 11:28 10:45 10:4 | 107 104 102 101 106 80 NA 114 114.5 109 58 73 87.5 86.5 386.5 386.5 107 121 NA 128 128 128 128 128 128 128 NA NA NA NA | 42.5 42 43 44 44 44 42 NA 43 56 44 44 44 44 44 48 48 NA 52 46 10 10 | | 523 310 310 310 310 352 519 NA NA 105 305 178 178 164 111 195 190 16.5 44 32 47 19 NA NA NA NA NA | |

| | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
|----------|---|---|---|--|------------|---|--|
| 2-VEW-8A | 11/27/2001 | 13:00 | 14 | 2.5 | | 1,675 | Well Closed 11/28/01-1/2 |
| | 1/3/2002 | 15:00 15:00 | 10 | 20 2.5 | | 240 NA | Well Opened |
| | 1/10/2002 | 18:00 | NA 24 | 2.5 50 | | NA 855 | |
| | 1/24/2002 | 15:10 | 14 | 48 | | 1,030 | |
| | 1/31/2002 | 15:48 | 6 | 30 | | 980 | - |
| | 2/1/2002 | 10:00 | 7 | 21 | | 1,010 | |
| | 2/6/2002 2/15/2002 | 13:00 11:00 | 6 6.5 | 16 | | 1,400 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 18 55 | | 480 24 | Well Closed |
| | 3/29/2002 | 14:20 | 7 | 43 | | 59 | Well Opened |
| | 3/30/2002 | 10:58 | 7 | 43 | | 76 | |
| | 3/31/2002 | 10:31 | 9.8 | 43 | | 81 | |
| | 4/L/2002 4/2/2002 | 16:50 11:40 | 9.4 9.5 | 45 46 | | 79 117 | |
| | 4/4/2002 | 17:00 | 9.5 8.8 | 40 42 | | 130 | |
| | 4/5/2002 | 11:30 | 11.4 | 45 | | 78 | |
| | 4/6/2002 | 12:00 | 10.8 | 44.5 | | 63 | - |
| | 4/7/2002 | 11:00 | 10.4 | 44 | | 59 | |
| | 4/8/2002 4/9/2002 | 12:45 8:45 | 11 | 45 47 | | 58 69 | |
| | 4/9/2002 | 14:30 | 10.1 9.7 | 44 | | 69 | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | Well Closed |
| | 4/12/2002 | 18:37 | NA | 11 | | NA | - |
| | 4/17/2002 | 15:20 | NA | 6 | | NA | |
| | 4/23/2002 | 15:51 | NA | 13 | | NA | |
| | 5/3/2002 5/9/2002 | 12:48 19:10 | NA NA | 1 2 | | NA NA | |
| | 5/23/2002 | 16:20 | NA NA | 14 | | NA NA | |
| | 6/13/2002 | 8:35 | NA. | 15 | | NA. | |
| | 6/20/2002 | 10:17 | NA | 15 | | NA | |
| | 6/27/2002 | 12:34 | NA | 14 | | NA | |
| | 7/3/2002 | 11:00 | NA | 15 | | NA | |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | NA NA | 14.5 15 | | NA NA | |
| | 7/23/2002 | 9:12 | NA NA | 15 | | NA. | |
| | 7/30/2002 | 13:35 | NA | NA | | NA | |
| | 8/7/2002 | 15:15 | NA | NA | | NA | |
| | 8/15/2002 | 15:30 | NA | 12 | | NA | |
| | 8/20/2002 | 11:28 | NA | 11 | | NA | |
| | 8/27/2002 9/5/2002 | 9:40 10:45 | NA NA | 11 11 | | NA NA | |
| | 9/13/2002 | 12:45 | NA NA | 10 | | NA NA | |
| | 9/19/2002 | 13:20 | NA. | 12 | | NA. | |
| | 9/25/2002 | 7:02 | 62.5 | 29 | | 17 | |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | NA NA | 12 12 | | NA NA | - |
| | 1000000 | 2.45 | na . | 12 | | - NA | |
| 2-VEW-8B | 11/27/2001 1/3/2002 | 13:00 15:00 | 56 50 | 30 20 | | 3,750 990 | Well Closed 11/28/01-1/2/ Well Opened |
| | 1/10/2002 | 15:00 | 64 | 21 | | 2.750 | wen opened |
| | 1/18/2002 | 18:00 | NA | 3.7 | | NA. | Well Closed |
| | 1/24/2002 | 15:10 | NA | 2.8 | | NA | - |
| | 1/31/2002 | 15:48 | 46 | 29 | | 1,300 | Well Opened |
| | 2/1/2002 | 10:00 | 30 | 21 16 | | 1,370 790 | |
| | | | | | | | |
| | 2/6/2002 | 13:00 | 22 | | | | - |
| | 2/15/2002 | 11:00 | 22 | 19 44 | | 1,830 | - |
| | 2/15/2002 2/27/2002 | 11:00 10:30 | 22 76 | 44 | | 1,830 1,185 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 | 11:00 10:30 9:00 14:35 | 22 76 54 90 | 44 42 42 | | 1,830 1,185 930 715 | - - - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 | 11:00 10:30 9:00 14:35 10:45 | 22 76 54 90 103 | 44 42 42 41 | | 1,830 1,185 930 715 510 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 | 22 76 54 90 103 62 | 44 42 42 41 44 | | 1,830 1,185 930 715 510 472 | |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 3/29/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 | 22 76 54 90 103 62 60 | 44 42 42 41 44 42 | | 1,830 1,185 930 715 510 472 500 | |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/29/2002 3/29/2002 3/30/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 | 22 76 54 90 103 62 60 62.5 | 44 42 42 41 44 42 44 | | 1,830 1,185 930 715 510 472 500 712 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/13/2002 3/29/2002 3/29/2002 3/30/2002 3/31/2002 4/1/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 | 22 76 54 90 103 62 60 62,5 60.5 | 44 42 42 41 44 42 44 44.5 | | 1,830 1,185 930 715 510 472 500 | - |
| | 2/15/2002 2/27/2002 3/6/2002 3/13/2002 3/20/2002 3/25/2002 3/30/2002 3/31/2002 4/1/2002 4/1/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 | 22 76 54 90 103 62 60 62.5 60.5 60 | 44 42 42 41 44 42 44 44.5 43 46 | | 1,830 1,185 930 715 510 472 500 712 724 740 664 | - |
| | 2/15/2002 2/27/2002 3/46/2002 3/13/2002 3/20/2002 3/29/2002 3/39/2002 3/31/2002 4/1/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 | 22 76 54 90 103 62 60 62.5 60.5 60 64 68 | 44 42 42 41 44 42 44 44,5 43 46 41 | | 1,830 1,185 930 715 510 472 500 712 724 740 664 660 | |
| | 2/15/2002 2/27/2002 3/46/2002 3/13/2002 3/29/2002 3/29/2002 3/39/2002 3/31/2002 4/4/2002 4/4/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 | 22 76 54 90 103 62 60 62.5 60.5 60 64 68 64 | 44 42 42 41 44 42 44 44.5 43 46 41 43.5 | | L,830 L,185 930 715 510 472 500 712 724 740 664 660 704 | |
| | 2/15/2002 2/27/2002 3/4/2002 3/13/2002 3/23/2002 3/25/2002 3/35/2002 4/1/2002 4/4/2002 4/4/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 | 22 76 54 90 103 62 60 62.5 60.5 60 64 68 64 | 44 42 42 41 44 42 44 44,5 43 46 41 43,5 | | 1,880 1,185 930 715 510 472 500 712 724 740 664 660 704 668 | |
| | 2/15/2002 2/27/2002 3/4/2002 3/13/2002 3/20/2002 3/29/2002 3/29/2002 3/30/2002 3/31/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 | 22 76 54 90 103 62 60 62.5 60 64 68 64 61.5 63.5 | 44 42 42 41 44 42 44 44,5 43 46 41 43,5 43,5 43,5 | | L,830 L,185 930 71.5 51.0 472 500 712 724 740 664 660 669 668 | |
| | 2)1.5/2002 2/17/2002 3/4/2002 3/13/2002 3/29/2002 3/29/2002 3/39/2002 3/31/2002 4/2/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 | 22 76 54 90 103 62 60 62.5 60.5 60 64 68 64 61.5 63.5 66 65.5 | 44 42 42 41 44 42 44 44,5 43 46 41 43,5 43,5 43,5 45,5 44 | | L L830 1.185 930 71.5 510 472 500 71.2 724 724 664 660 660 661 669 681 669 787 | |
| | 2115/2002 2127/2002 34/2002 313/2002 313/2002 329/2002 329/2002 338/2002 41/2002 44/2002 | 11:00 10:30 9:00 14:35 10:45 10:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 | 22 76 54 90 103 62 60 62.5 60.5 60 64 68 64 61.5 63.5 66 65.5 65 | 44 42 41 44 42 44 44,5 43 46 41 43,5 43,5 44 45 43 | | L 830 L 185 930 715 510 472 500 712 724 740 664 666 704 668 681 669 787 | |
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| | 2015/2002 2017/2002 34/6/2002 34/6/2002 34/6/2002 34/3/2002 34/3/2002 34/3/2002 34/3/2002 34/3/2002 34/4/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 54/2002 | 11:100 10:30 9:00 14:35 10:45 10:00 14:20 10:20 14:20 10:20 11:30 11:40 17:00 11:30 12:20 11:40 17:00 11:30 12:245 12:245 14:30 19:35 14:30 19:35 16:51 11:40 17:10 18:21 18:31 18:37 18:37 18:37 18:37 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:31 18:38 18:3 | 22 76 54 54 59 54 59 56 55 56 56 56 56 56 56 56 56 56 56 56 | 44 42 42 41 44 42 44 44.5 43.5 43.5 43.5 45.5 44.4 45.5 26 19.5 22.1 22.1 22.2 22.2 23.0 30.3 30.3 30.3 30.3 30.3 | | L L830 530 715 510 775 500 772 500 772 772 774 740 666 661 666 668 6681 669 787 719 NA 276 NA 281 362 * 39 * 20 * 22 * 117 L83 L17 L83 L17 86 | |
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| | 2015/2002 2017/2002 34/6/2002 34/6/2002 34/6/2002 34/3/2002 32/3/2002 32/3/2002 32/3/2002 32/3/2002 32/3/2002 32/3/2002 34/4/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 54/2002 | 11:00 10:30 9:00 14:35 10:45 10:45 10:45 10:45 10:58 10:58 10:58 10:51 11:40 17:00 11:40 11:50 12:20 11:51 11:40 17:00 11:51 11:52 18:57 1 | 22 76 54 54 50 103 60 60 60 65 5 60 66 65 5 66 65 5 66 65 5 66 65 5 66 65 5 66 65 5 66 65 5 66 65 5 66 65 65 | 44 42 41 44 44 44 44 44 45 43 46 41 41 41 41 41 41 41 41 41 41 | | L LS80 930 715 930 715 510 472 500 472 704 660 660 660 661 669 681 669 787 719 NA 276 276 281 362 * 39 * 20 * 225 * 117 121 83 113 117 86 69 NA | |
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| | 2115/2002 20/17/2002 346/2002 346/2002 346/2002 325/2002 325/2002 325/2002 325/2002 325/2002 325/2002 325/2002 447/2002 447/2002 448/2002 448/2002 448/2002 448/2002 448/2002 448/2002 548/2002 | 11:00 10:30 9:00 14:35 10:45 1 | 22 76 54 90 103 62 60 55 66 55 66 55 8A 41.8 81.5 5 85.5 84.9 85 86 18 65 40 95 86 18 65 40 95 86 18 65 40 95 86 18 65 40 95 86 18 65 40 95 86 18 18 65 40 95 86 18 18 18 18 18 18 18 18 18 18 18 18 18 | 44 42 41 44 44 44 44 44 44 44 44 45 45 46 41 43.5 45 45 45 45 45 45 45 45 45 45 45 45 45 | | L L830 1,185 930 715 510 4772 500 712 724 740 664 660 668 668 668 668 669 NA NA 276 NA 2276 NA 281 362 139 120 121 83 133 133 133 133 135 135 135 135 135 13 | |
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| WELL ID | Building 2 SVE | | | | | | |
|-----------|---|---|--|--|------------|--|---|
| | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
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| | 1/3/2002 | 15:00 | 75 | 19 | | 390 | Well Opened |
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| | 1/24/2002 | 15:10 | NA. | 4.2 | | NA. | - |
| | 1/31/2002 | 15:48 | 24 | 29 | | 1,970 | Well Opened |
| | 2/1/2002 | 10:00 | 17 | 21 | | 1,100 | |
| | 2/6/2002 | 13:00 | 14 | 17 | | 750 | - |
| | 2/15/2002 2/27/2002 | 11:00 | 14 | 20 | | 795 | |
| | 3/6/2002 | 10:30 9:00 | 98 94 | 60 56 | | 355 350 | |
| | 3/13/2002 | 14:35 | 91 | 56 | | 305 | |
| | 3/20/2002 | 10:45 | 93 | 58 | | 243 | |
| | 3/29/2002 | 10:00 | 77 | 50 | | 241 | - |
| | 3/29/2002 | 14:20 | 52.5 | 44 | | 334 | |
| | 3/30/2002 3/31/2002 | 10:58 10:31 | 51 53 | 45 45 | | 532 1,325 | |
| | 4/1/2002 | 16:50 | 52 | 45 | | 610 | |
| | 4/2/2002 | 11:40 | 56 | 48 | | 542 | |
| | 4/4/2002 | 17:00 | 60 | 44 | | 568 | - |
| | 4/5/2002 | 11:30 | 57.5 | 45.5 | | 479 | - |
| | 4/6/2002 4/7/2002 | 12:00 11:00 | 57 56 | 46 47 | | 546 506 | |
| | 4/8/2002 | 12:45 | 56.5 | 47 | | 497 | |
| | 4/9/2002 | 8:45 | 55 | 47 | | 472 | |
| | 4/10/2002 | 14:30 | 57 | 46 | | 530 | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | |
| | 4/12/2002 | 18:37 | 49.3 | 44 | | NA | |
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| | 6/13/2002 | 8:35 | 47.8 | 46 | | * 23 | - |
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| | 6/27/2002 | 12:34 | 49.7 | 45 | | * 19 | - |
| | 7/3/2002 | 11:00 | 48 | 45 | | 112 | |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | 48.6 60 | 46 52 | | 82 116 | |
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| | 7/30/2002 | 13:35 | 83.5 | 60 | | 95 36 | |
| | 8/7/2002 | 15:15 | 69.5 | 55 | | 28 | - |
| | 8/15/2002 | 15:30 | 60 | 48 | | NA | |
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| | 10/9/2002 | 9:43 | NA | 17 | | NA | |
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| | 1/10/2002 | 15:00 | NA. | 2.3 | | NA. | wen opened |
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| | 3/31/2002 | 10:31 | 13 | 24 | | 30 | - |
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| | 4/2/2002 | 11:40 | 10 | 23 | | 60 | - |
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| | 6/20/2002 | 10:17 | 24.4 | 36 | | * 11 | |
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| | 7/15/2002 | 11:48 | 32 | 37 | | 55 64 | |
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| | 7/30/2002 8/7/2002 | 15:15 | NA | | | | - |
| | 7/30/2002 8/7/2002 8/15/2002 | 15:15 15:30 | NA NA | 12 | | NA | |
| | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 | 15:15 15:30 11:28 | NA NA NA | 12 12 | | NA NA | - |
| | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 8/27/2002 | 15:15 15:30 11:28 9:40 | NA NA NA NA | 12 12 12 | | NA NA NA | - |
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| | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 8/27/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 | NA NA NA NA NA | 12 12 12 12 12 | | NA NA NA NA NA | |
| | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 8/27/2002 9/5/2002 9/13/2002 | 15:15 15:30 11:28 9:40 10:45 | NA NA NA NA NA | 12 12 12 12 | | NA NA NA NA | - |
| | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 8/20/2002 9/5/2002 9/13/2002 9/19/2002 9/25/2002 10/1/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 | NA NA NA NA NA NA 26.9 | 12 12 12 12 10 10 29 | | NA NA NA NA NA NA NA | |
| | 7/30/2002 8/7/2002 8/15/2002 8/25/2002 8/27/2002 9/5/2002 9/13/2002 9/19/2002 9/25/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 | NA NA NA NA NA NA NA NA | 12 12 12 12 10 10 | | NA NA NA NA NA NA | - |
| 2-VEW-10B | 7/30/2002 8/7/2002 8/15/2002 8/20/2002 8/20/2002 9/15/2002 9/13/2002 9/13/2002 9/15/2002 10/1/2002 10/9/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA NA NA NA NA 26.9 NA NA | 12 12 12 12 10 10 29 10 | | NA NA NA NA NA NA 3 NA NA | |
| 2-VEW-10B | 7/30/2002 8/15/2002 8/15/2002 8/20/2002 8/27/2002 9/13/2002 9/13/2002 9/13/2002 10/1/2002 10/1/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA NA NA NA 26.9 NA NA 45 | 12 12 12 12 10 10 29 10 10 | | NA NA NA NA NA NA NA NA NA | Well Closed 11/28/01-1/2 Well Opened |
| 2-VEW-10B | 7/50/2002 8/15/2002 8/15/2002 8/20/2002 8/20/2002 9/3/2002 9/13/2002 9/19/2002 10/1/2002 11/27/2001 13/2002 11/2/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA A A A A A | 12 12 12 12 10 10 29 10 10 10 | | NA N | |
| 2-VEW-10B | 730/2002 87/2002 81/2002 81/20002 8/27/2002 9/3/2002 9/13/2002 9/13/2002 10/1/2002 10/1/2002 11/2/2002 11/2/2002 11/2/2002 11/2/2002 11/2/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA NA NA NA NA NA Selver Selver Selver Selver NA | 12 12 12 12 10 10 29 10 10 30 18 4.2 | | NA NA NA NA NA NA NA 1,620 700 NA NA | Well Closed 11/28/01-1/2 Well Opened |
| 2-VEW-10B | 7/50/2002 8/15/2002 8/15/2002 8/20/2002 8/20/2002 9/3/2002 9/13/2002 9/19/2002 10/1/2002 11/27/2001 13/2002 11/2/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA NA NA NA A NA SSS NA | 12 12 12 12 10 10 29 10 10 30 18 4.2 4.4 | | NA N | Well Closed 11/28/01-1/2 Well Opened Well Closed |
| 2-VEW-10B | 730/0502 8/12/000 8/15/0002 8/15/0002 8/27/0002 8/27/0002 9/15/0002 9/15/0002 10/12/002 10/12/002 11/27/2001 1/19/2002 1/18/2002 1/18/2002 1/18/2002 1/18/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA NA NA NA NA NA Selver Selver Selver Selver NA | 12 12 12 12 10 10 29 10 10 30 18 4.2 | | NA NA NA NA NA NA NA 1,620 700 NA NA | Well Closed 11/28/01-1/2 Well Opened Well Closed |
| 2-VEW-10B | 750/05002 8/1/2002 8/1/2002 8/1/2002 8/20/2002 9/1/2002 9/1/2002 9/1/2002 10/1/2002 10/1/2002 11/27/2001 11/27/2001 11/27/2001 11/27/2002 1/1/2002 1/1/2002 1/1/2002 1/1/2002 1/1/2002 1/1/2002 1/1/2002 2/1/2002 2/1/2002 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 15:00 15:00 15:10 15:48 10:00 15:48 | NA N | 12 12 12 12 10 10 29 10 10 30 18 4.2 4.4 4 28 21 | | NA N | Well Closed 11/28/01-1/2 Well Opened Well Closed |
| 2-VEW-10B | 7590,0000 817,0000 817,0000 817,0000 820,0000 827,0000 913,0000 913,0000 913,0000 1017,000 1017,000 119,7000 118,7000 124,7000 124,7000 217,0000 217,0000 217,0000 217,0000 217,0000 217,0000 217,0000 217,0000 217,0000 | 15:15 15:30 11:128 9:40 10:45 13:20 15:51 9:43 13:00 15:00 15:00 15:00 15:10 15:43 10:00 15:10 15:48 | NA N | 12 12 12 12 10 10 29 10 10 10 30 18 4.2 4.4 4 28 21 17 | | NA N | Well Closed 11/28/01-1/. Well Opened Well Closed - Well Opened |
| 2-VEW-10B | 750/05002 8/7/2000 8/15/2000 8/15/2000 8/20/2000 8/27/2000 9/15/2000 9/15/2000 9/15/2000 10/17/200 10/17/200 11/27/200 11/27/200 11/27/200 11/27/200 11/27/200 11/27/200 11/27/200 11/27/200 2/15/200 2/1 | 15:15 15:30 11:128 9:40 10:45 12:245 13:20 15:51 9:43 13:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 15:00 | NA N | 12 12 12 12 10 10 29 10 10 30 18 4.2 4.4 4 28 21 17 | | NA N | Well Closed 11/28/01-17 Well Opened Well Closed - Well Opened - - |
| 2-VEW-10B | 750/2002 8/7/2002 8/7/2002 8/7/2002 8/7/2002 8/7/2002 9/7/2002 9/7/2002 10/7/200 10 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 15:00 15 | NA 26.9 NA NA NA 26.11 14 43 39 | 12 12 12 12 10 10 10 29 10 10 30 18 4.2 4.4 4 4 28 21 17 19 37 35 | | NA N | Well Closed 11/28/01-1/2 Well Opened Well Closed Well Opened |
| 2-VEW-10B | 750/05002 8/7/2000 8/7/2000 8/7/2000 8/7/2000 8/7/2000 9/7/2000 9/1/2000 9/1/2000 10/7/2002 10/7/2002 1/9/2002 1/9/2002 1/9/2002 1/9/2002 2/1/2002 2/1/2002 2/1/2002 2/1/2002 3/1/2002 3/1/2002 3/1/2002 3/1/2002 | 15:15 15:30 11:128 9:40 10:45 12:245 13:20 15:51 13:00 15:00 | NA N | 12 12 12 12 10 10 29 10 10 30 18 4.2 4.4 4 4 28 21 17 19 37 35 35 | | NA N | Well Closed 11/28/01-17 Well Opened Well Opened Well Opened |
| 2-VEW-10B | 750/2002 8/7/2002 8/7/2002 8/7/2002 8/7/2002 9/7/2002 9/7/2002 9/7/2002 10/7/2002 10/7/2002 11/7/2002 11/7/2002 11/7/2002 11/7/2002 | 15:15 15:20 11:28 9:40 10:45 12:245 13:20 7:02 15:51 9:43 13:00 15:00 15:00 15:10 15:10 15:10 15:10 15:10 15:00 16 | NA N | 12 12 12 12 10 10 10 29 10 10 10 30 18 4.2 4.4 4 28 21 17 19 37 35 32 29 | | NA N | Well Closed 11/28/01-17/ Well Opened Well Closed Well Opened |
| 2-VEW-10B | 750/05002 8/7/2000 8/7/2000 8/7/2000 8/7/2000 8/7/2000 9/7/2000 9/7/2000 9/7/2000 10/7/2002 10/7/2002 11/7/2003 11/7/2003 11/7/2003 11/7/2003 11/7/2003 11/7/2003 11/7/2003 11/7/2003 2/7/2003 2/7/2003 3/7/2003 3/7/2003 3/7/2003 | 15:15 15:30 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 15:00 16: | NA N | 12 12 12 12 10 10 10 29 10 10 30 18 4.2 4.4 4 4 28 21 17 19 37 35 52 29 29 | | NA N | Well Closed 11/28/01-17 Well Opened Well Opened Well Opened |
| 2-VEW-10B | 75/0/2002 8/7/2000 8/1/2000 8/1/2000 8/1/2000 8/1/2000 9/1/2000 9/1/2000 11/2/2001 11/2/2001 11/2/2001 11/2/2001 11/2/2001 11/2/2002 11/2/2002 12/2/2002 2/2/2002 2/2/2002 2/2/2002 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/ | 15:15 15:20 11:28 9:40 10:45 12:45 12:45 12:45 13:20 15:51 9:43 13:00 15 | NA N | 12 12 12 12 12 10 10 10 29 10 10 30 18 4.2 4.4 4 28 21 17 19 37 35 35 32 29 29 29 | | NA N | Well Closed 11/28/01-17 Well Opened Well Closed Well Opened |
| 2-VEW-10B | 759/05002 8/7/2000 8/1/2000 8/1/2000 8/20/2002 8/20/2002 9/1/2000 9/1/2000 10/1/2002 10/1/2002 10/1/2002 11/2/2001 11/2/2001 11/2/2002 11/2/2002 12/2/2002 1 | 15:15 15:20 11:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 15:00 16: | NA N | 12 12 12 12 10 10 10 29 10 10 30 18 4.2 4.4 4 4 28 21 17 19 37 35 35 29 29 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20 | | NA N | Well Closed 11/28/01-17/ Well Opened Well Closed |
| 2-VEW-10B | 75/0/2002 8/7/2000 8/1/2000 8/1/2000 8/1/2000 8/1/2000 9/1/2000 9/1/2000 11/2/2001 11/2/2001 11/2/2001 11/2/2001 11/2/2001 11/2/2002 11/2/2002 12/2/2002 2/2/2002 2/2/2002 2/2/2002 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/200 3/2/ | 15:15 15:20 11:28 9:40 10:45 12:45 12:45 12:45 13:20 15:51 9:43 13:00 15 | NA N | 12 12 12 12 12 10 10 10 29 10 10 30 18 4.2 4.4 4 28 21 17 19 37 35 35 32 29 29 29 | | NA N | Well Closed 11/28/01-17 Well Opened Well Closed Well Opened |

| System: | Building 2 SVE | system | | | | | |
|-----------|--|--|--|--|------------|--|---|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
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| | 4/5/2002 4/6/2002 | 11:30 12:00 | 12.1 10.6 | 26.5 26 | | 364 362 | - |
| | 4/7/2002 | 11:00 | 12.1 | 27 | | 324 | - |
| | 4/8/2002 4/9/2002 | 12:45 8:45 | 11 11.1 | 28 26 | | 327 383 | - |
| | 4/10/2002 | 14:30 | 12.6 | 26 | | 370 | - |
| | 4/11/2002 4/12/2002 | 19:35 18:37 | NA 52.5 | NA 26.5 | | NA NA | - |
| | 4/17/2002 | 15:20 | 65.5 | 39 | | 780 | |
| | 4/23/2002 5/3/2002 | 15:51 | 67.5 74 | 47 37 | | NA 447 | - |
| | 5/9/2002 | 12:48 19:10 | 63 | 40 | | 345 | - |
| | 5/23/2002 | 16:20 | 69 | 44 | | * 36 | - |
| | 6/13/2002 6/20/2002 | 8:35 10:17 | 69.5 65 | 45 46 | | * 42 * 35 | |
| | 6/27/2002 | 12:34 | 70.5 | 44 | | * 27 | - |
| | 7/3/2002 7/9/2002 | 11:00 14:17 | 65 71 | 44 45 | | 148 133 | - |
| | 7/15/2002 | 11:48 | 82 | 50 | | 130 | - |
| | 7/23/2002 | 9:12 | 84.5 | 50 | | 85 | - |
| | 7/30/2002 8/7/2002 | 13:35 15:15 | 116.5 105 | 58 54 | | 76 76 | |
| | 8/15/2002 | 15:30 | 81 | 48 | | NA | |
| | 8/20/2002 8/27/2002 | 11:28 9:40 | 100 102 | 57 55 | | 158 52 | |
| | 9/5/2002 | 10:45 | 111 | 60 | | 46 | |
| | 9/13/2002 | 12:45 | 110 102.5 | 56 54 | | 79 46 | |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | 93.5 | 49 | | 46 35 | |
| | 10/1/2002 | 15:51 | 94.5 | 48 | | 47 | |
| | 10/9/2002 | 9:43 | 91.5 | 49 | | 53 | |
| 2-VEW-11A | 11/27/2001 1/3/2002 | 13:00 15:00 | 27 20 | 25 21 | | 1,700 110 | Well Closed 11/28/01-1/2/0 Well Opened |
| | 1/10/2002 | 15:00 | NA | 22 | | 725 | |
| | 1/18/2002 1/24/2002 | 18:00 15:10 | 52 79 | 47 43 | | 620 350 | |
| | 1/31/2002 | 15:48 | 39 | 29 | | 280 | - |
| | 2/L/2002 2/6/2002 | 10:00 13:00 | 28 24 | 20 16 | | 175 100 | |
| | 2/15/2002 | 11:00 | 27 | 19 | | 90 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 46 | | 20 | |
| | 3/29/2002 3/30/2002 | 14:20 10:58 | 24 1 | 8 | | NA NA | |
| | 3/31/2002 | 10:31 | 0.4 | 10 | | NA | |
| | 4/L/2002 4/2/2002 | 16:50 11:40 | NA NA | 9 10 | | NA NA | - |
| | 4/4/2002 | 17:00 | NA NA | 7 | | NA NA | - |
| | 4/5/2002 | 11:30 | NA | 9 | | NA | |
| | 4/6/2002 4/7/2002 | 12:00 11:00 | NA NA | 9 9.5 | | NA NA | |
| | 4/8/2002 | 12:45 | NA | 10 | | NA | - |
| | 4/9/2002 4/10/2002 | 8:45 14:30 | NA NA | 10 10 | | NA NA | |
| | 4/11/2002 | 19:35 | NA. | NA. | | NA | - |
| | 4/12/2002 | 18:37 | NA | 8 5 | | NA | - |
| | 4/17/2002 4/23/2002 | 15:20 15:51 | NA NA | 9.5 | | NA NA | - |
| | 5/3/2002 | 12:48 | NA | 4 | | NA | : |
| | 5/9/2002 5/23/2002 | 19:10 16:20 | NA NA | 8 10 | | NA NA | |
| | 6/13/2002 | 8:35 | NA | 10 | | NA | - |
| | 6/20/2002 | 10:17 | NA | 10 | | NA | |
| | 6/27/2002 7/3/2002 | 12:34 11:00 | NA NA | 9 10 | | NA NA | - |
| | 7/9/2002 | 14:17 | NA | 8.5 | | NA | - |
| | 7/15/2002 7/23/2002 | 11:48 9:12 | NA NA | 8 | | NA NA | - |
| | 7/30/2002 | 13:35 | NA NA | NA | | NA NA | - |
| | 8/7/2002 | 15:15 | NA | NA | | NA | |
| | 8/15/2002 8/20/2002 | 15:30 11:28 | NA NA | 8 5 | | NA NA | |
| | 8/27/2002 | 9:40 | NA | 7 | | NA | - |
| | 9/5/2002 9/13/2002 | 10:45 12:45 | NA NA | 8 6 | | NA NA | - : |
| | 9/19/2002 | 13:20 | NA. | 6 | | NA. | |
| | 9/25/2002 | 7:02 | 56 | 27 | | 2 | - |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | NA NA | 5 5 | | NA NA | - |
| 2-VEW-11B | 11/27/2001 | 13:00 | 19 | 30.0 | | 1,040 | Initial Startup |
| | 11/28/2001 | 13:15 14:20 | NA NA | 27.5 27.0 | | 3,100 NA | Well Opened |
| | 12/3/2001 | 17:10 | NA | 26.5 | | NA | - |
| | 12/4/2001 | 10:15 16:30 | NA NA | 27.5 29.0 | | 1,510 | |
| | 12/5/2001 12/6/2001 | 8:30 | NA NA | 28.8 | | 3,200 3,015 | |
| | 12/7/2001 | 7:30 | NA | 29.0 | | 3,600 | - |
| | 12/8/2001 12/9/2001 | 16:00 13:00 | NA NA | 29.0 27.0 | | 3,100 NA | |
| | 12/10/2001 | 16:00 | NA | 28.5 | | 4,700 | - |
| | 12/11/2001 12/12/2001 | 11:00 19:15 | NA NA | 30.0 2.1 | | 4,100 NA | Well Closed |
| | 12/13/2001 | 11:15 | NA | 0.9 | | NA | |
| | 12/20/2001 12/28/2001 | 15:10 11:00 | NA 15 | 1.7 22.0 | | NA 520 | Well Opened |
| | 1/3/2002 | 15:00 | 15 | 22.0 | | 520 | men Opener |
| | 1/10/2002 | 15:00 | NA | 4.0 | | NA | |
| | 1/18/2002 1/24/2002 | 18:00 15:10 | NA NA | 4.8 4.5 | | NA NA | |
| | 1/31/2002 | 15:48 | 12 | 29.0 | | 850 | - |
| | 2/L/2002 2/6/2002 | 10:00 | 6 | 21.0 | | 590 340 | - |
| | 2/6/2002 | 13:00 11:00 | 5 5.5 | 16.0 19 | | 340 415 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 53 | | 303 | - |
| | 3/29/2002 3/30/2002 | 14:20 10:58 | 18 16 | 39 41 | | 586 531 | Well Opened |
| | 3/31/2002 | 10:38 | 17.5 | 42 | | 1,651 | - |
| | | | 17 | 41 | | 565 | |
| | 4/1/2002 | 16:50 | | | | 515 | - |
| | 4/L/2002 4/2/2002 | 11:40 | 17 | 44 38.5 | | | - |
| | 4/L/2002 4/2/2002 4/4/2002 4/5/2002 | 11:40 17:00 11:30 | 17 19.6 18.4 | 38.5 42 | | 536 484 | - |
| | 4/L/2002 4/2/2002 4/4/2002 4/5/2002 4/6/2002 | 11:40 17:00 11:30 12:00 | 17 19.6 18.4 18.6 | 38.5 42 42.5 | | 536 484 464 | |
| | 4/L/2002 4/2/2002 4/4/2002 4/5/2002 | 11:40 17:00 11:30 | 17 19.6 18.4 | 38.5 42 42.5 43.5 44 | | 536 484 | - |
| | 4/1/2002 4/2/2002 4/4/2002 4/5/2002 4/6/2002 4/7/2002 4/9/2002 4/9/2002 | 11:40 17:00 11:30 12:00 11:00 12:45 8:45 | 17 19.6 18.4 18.6 16.5 18.4 | 38.5 42 42.5 43.5 44 43 | | 536 484 464 461 474 471 | - |
| | 4/L/2002 4/2/2002 4/4/2002 4/5/2002 4/5/2002 4/7/2002 4/8/2002 | 11:40 17:00 11:30 12:00 11:00 12:45 | 17 19.6 18.4 18.6 16.5 18.4 | 38.5 42 42.5 43.5 44 | | 536 484 464 461 474 | - |

| ystem: | Building 2 SVE | | | | | | |
|-----------|---|---|---|---|------------|--|---|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
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| | 4/23/2002 5/3/2002 | 15:51 12:48 | 19.7 25.3 | 47 36.5 | | NA NA | |
| | 5/9/2002 | 19:10 | 15 | 41 | | 383 | - |
| | 5/23/2002 | 16:20 | 16.6 | 45 | | * 41 | - |
| | 6/13/2002 6/20/2002 | 8:35 10:17 | 15.7 15.3 | 46 47 | | * 35 * 29 | |
| | 6/27/2002 | 12:34 | 16.7 | 45 | | * 28 | |
| | 7/3/2002 | 11:00 | 16 | 45 | | 178 | - |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | 16.1 21 | 46 52 | | 129 202 | - |
| | 7/23/2002 | 9:12 | 23.5 | 52 | | 202 | |
| | 7/30/2002 | 13:35 | 29.5 | 60 | | 92 | - |
| | 8/7/2002 | 15:15 | 30 | 57 | | 87 | |
| | 8/15/2002 8/20/2002 | 15:30 11:28 | 20 25 | 49 60 | | NA 132 | |
| | 8/27/2002 | 9:40 | 27 | 58 | | 51 | - |
| | 9/5/2002 | 10:45 | 28 | 63 | | 59 | - |
| | 9/13/2002 9/19/2002 | 12:45 13:20 | 27.7 | 58 56 | | 69 43 | |
| | 9/25/2002 | 7:02 | 27.3 27.3 | 51 | | 88 | |
| | 10/1/2002 | 15:51 | 26.3 | 50 | | 47 | - |
| | 10/9/2002 | 9:43 | 28.7 | 50 | | 40 | - |
| 2-VEW-12 | 11/27/2001 1/3/2002 | 13:00 15:00 | 82 75 | 30 19 | | 2,500 390 | Well Closed 11/28/01-1/2 Well Opened |
| | 1/10/2002 | 15:00 | NA | 3.4 | | NA | Well Closed |
| | 1/18/2002 | 18:00 | NA | 5.5 | | NA | |
| | 1/24/2002 | 15:10 | NA | 4.8 28 | | NA 01.6 | W-11 01 |
| | 1/31/2002 2/1/2002 | 15:48 10:00 | 75 49 | 20 | | 815 540 | Well Opened |
| | 2/6/2002 | 13:00 | 39 | 17 | | 325 | |
| | 2/15/2002 | 11:00 | 44 | 19 | | 350 | Well Closed |
| | 3/20/2002 3/29/2002 | 14:00 14:20 | NA 117 | 40 41 | | 61 67 | Well Opened |
| | 3/30/2002 | 10:58 | 120 | 42 | | 92 | ssen openen |
| | 3/31/2002 | 10:31 | 121 | 43 | | 539 | |
| | 4/1/2002 | 16:50 | 121 | 43 | | 154 | - |
| | 4/2/2002 4/4/2002 | 11:40 17:00 | 125 124 | 45 41 | | 145 180 | |
| | 4/5/2002 | 11:30 | 124 | 42.5 | | 108 | |
| | 4/6/2002 | 12:00 | 121 | 43.5 | | 110 | |
| | 4/7/2002 4/8/2002 | 11:00 | 125 | 44.5 | | 101 | - |
| | 4/8/2002 4/9/2002 | 12:45 8:45 | 120 122 | 44 44 | | 100 88 | |
| | 4/10/2002 | 14:30 | 125 | 43 | | 132 | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | - |
| | 4/12/2002 | 18:37 | 122 | 43 | | NA | |
| | 4/17/2002 4/23/2002 | 15:20 15:51 | 117 117 | 38 44 | | 55 NA | |
| | 5/3/2002 | 12:48 | 119 | 34 | | 36 | - |
| | 5/9/2002 | 19:10 | 107 | 37 | | 35 | - |
| | 5/23/2002 | 16:20 | 113 | 41.5 | | * 2.0 | - |
| | 6/13/2002 6/20/2002 | 8:35 10:17 | 121 115 | 43 44 | | * 7.0 * 7.0 | |
| | 6/27/2002 | 12:34 | 120 | 42 | | * 6.8 | - |
| | 7/3/2002 | 11:00 | 116 | 42 | | 35 | - |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | 117 NA | 46 15 | | 11 NA | |
| | 7/23/2002 | 9:12 | NA NA | 16 | | NA NA | - |
| | 7/30/2002 | 13:35 | NA | NA | | NA | - |
| | 8/7/2002 | 15:15 | NA | NA | | NA | - |
| | 8/15/2002 8/20/2002 | 15:30 11:28 | NA NA | 16 15 | | NA NA | |
| | 8/27/2002 | 9:40 | NA NA | 17 | | NA. | - |
| | 9/5/2002 | 10:45 | NA | 14 | | NA | - |
| | 9/13/2002 | 12:45 | NA | 12 | | NA | - |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | NA 79.5 | 12 28 | | NA 3 | |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | NA NA | 12 12 | | NA NA | - |
| | | | | | | | |
| 2-VEW-13A | 11/27/2001 1/3/2002 | 13:00 15:00 | 17 10 | 25 23 | | 1,700 95 | Well Closed 11/28/01-1/2 Well Opened |
| | 1/10/2002 | 15:00 | 12 | 32 | | 380 | |
| | 1/18/2002 | 18:00 | 22 | 48 | | | |
| | 1/24/2002 | | | | | 375 | |
| | | 15:10 | 45 | 44 | | 420 | : |
| | 1/31/2002 | 15:48 | 45 23 | 29 | | 420 500 | - |
| | 1/31/2002 2/L/2002 2/6/2002 | 15:48 10:00 13:00 | 45 23 18 16 | 29 20 17 | | 420 500 390 375 | : |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 | 15:48 10:00 13:00 11:00 | 45 23 18 16 15 | 29 20 17 19 | | 420 500 390 375 189 | |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/20/2002 | 15:48 10:00 13:00 11:00 14:00 | 45 23 18 16 15 NA | 29 20 17 19 47 | | 420 500 390 375 189 161 | Wall Closed |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 | 15:48 10:00 13:00 11:00 | 45 23 18 16 15 | 29 20 17 19 | | 420 500 390 375 189 | |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/20/2002 3/29/2002 3/30/2002 3/31/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 | 45 23 18 16 15 NA 1 0.3 | 29 20 17 19 47 6.5 7.5 8 | | 420 500 390 375 189 161 NA NA | Well Closed |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/20/2002 3/20/2002 3/30/2002 3/31/2002 4/1/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 7.5 8 | | 420 500 390 375 189 161 NA NA NA | Well Closed |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/20/2002 3/20/2002 3/30/2002 3/31/2002 4/1/2002 4/2/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA | 29 20 17 19 47 6.5 7.5 8 9 | | 420 500 390 375 189 161 NA NA NA | Well Closed |
| | 1/31/2002 2/1/2002 2/6/2002 2/15/2002 3/20/2002 3/20/2002 3/30/2002 3/31/2002 4/1/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA | 29 20 17 19 47 6.5 7.5 8 9 | | 420 500 390 375 189 161 NA NA NA NA | Well Closed |
| | 1/31/2/002 2/1/2/002 2/1/2/002 2/1/5/2/002 3/2/1/2/002 3/30/2/002 3/30/2/002 4/1/2/002 4/2/2/002 4/5/2/002 4/6/2/002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 | | 420 500 350 375 189 161 NA NA NA NA NA NA | Well Closed |
| | L/31/2002 2/1/2002 2/1/5/2002 2/1/5/2002 3/20/2002 3/30/2002 3/30/2002 4/1/2002 4/2/2002 4/4/2002 4/5/2002 4/5/2002 4/7/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA NA NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 | | 420 500 390 375 188 161 NA NA NA NA NA NA | Well Closed |
| | 1/31/2/002 2/1/2/002 2/1/2/002 2/1/5/2/002 3/2/1/2/002 3/30/2/002 3/30/2/002 4/1/2/002 4/2/2/002 4/5/2/002 4/6/2/002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 | | 420 500 350 375 189 161 NA NA NA NA NA NA | - |
| | 1/31/2002 21/2002 21/5/2002 21/5/2002 3/20/2002 3/20/2002 3/31/2002 4/1/2002 4/4/2002 4/5/2002 4/6/2002 4/6/2002 4/8/2002 4/8/2002 4/8/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 12:45 8:45 | 45 23 18 16 15 NA 1 0.3 0.7 NA NA NA NA NA NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 | | 420 500 390 375 189 161 NA NA NA NA NA NA NA NA NA NA | |
| | LAI J2002 24/2002 26/2002 21 \$52002 35/2002 35/2002 35/2002 36/2002 41/2002 46/2002 46/2002 46/2002 46/2002 46/2002 41/2002 41/2002 46/2002 41/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 | 45 23 18 16 15 NA 1 0.77 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA | | 420 500 390 375 189 161 NA NA NA NA NA NA NA NA NA NA NA NA | |
| | LS1/2002 2/1/2002 2/1/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 10 10 9 NA 7 | | 420 500 390 375 188 161 NA NA NA NA NA NA NA NA NA NA NA NA NA | - |
| | LS1/2002 24/2002 26/2002 25/2002 32/00/2002 3/20/2002 3/30/2002 3/31/2002 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/2 | 15:48 10:00 11:00 11:00 14:20 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 | 45 23 18 16 15 NA 1 0.77 NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 | | 420 500 390 375 189 161 NA NA NA NA NA NA NA NA NA NA NA NA NA | |
| | LS1/2002 24/2002 26/2002 25/2002 32/2002 32/2002 34/2002 34/2002 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44/200 44 | 15:48 10:00 13:00 14:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:30 12:45 8:45 14:30 19:35 18:37 15:20 15:21 16:35 1 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 5 | | 420 500 390 375 189 161 NA | |
| | LIST/2002 2/1/2002 2/6/2002 2/1/5/002 3/1/5/002 3/2/5/002 3/3/5/002 3/3/5/002 4/1/200 4/1/20 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:51 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:51 18:37 15:51 18:37 15:51 18:37 15:51 18:37 15:51 16:55 1 | 45 23 18 16 15 NA 1 1 0.5 0.7 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 0 9 NA 7 4.5 10 5 9 | | 420 500 390 375 189 161 NA NA NA NA NA NA NA NA NA NA NA NA NA | |
| | US1/2002 2/1/2002 2/6/2002 2/1/5/002 3/2/002003 3/2/002002 3/3/002002 3/3/002002 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/200 4/1/2 | 15:48 10:00 13:00 11:00 14:00 14:20 10:38 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:00 12:05 13:51 14:30 19:35 14:30 19:35 14:30 19:35 18:37 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 | | 420 500 390 375 189 161 NA | |
| | US1/2002 2/1/2002 2/6/2002 2/1/5/0002 3/1/5/0002 3/2/0002 3/3/1/2002 4/1/200 4/1/200 4/1/200 4/1/200 4 | 15:48 10:00 13:00 11:00 14:00 14:20 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 14:30 19:35 18:37 15:51 12:48 19:35 18:37 15:51 12:48 19:10 16:52 16:52 16:53 18:53 | 45 23 18 16 15 NA 1 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 | | 420 500 390 375 189 161 NA | |
| | USI/2002 24/2002 26/2002 21/35002 3/25/2002 3/25/2002 3/31/2002 44/202 44/20 | 15-48 10:00 13:00 11:00 14:00 14:00 14:00 14:00 10:58 10:31 16:50 11:40 17:00 11:00 11:00 11:00 12:00 11:00 15:51 12:00 11:00 15:51 12:48 16:51 15:11 16:20 16:20 16:20 16:20 16:21 16:20 16:20 | 45 23 18 16 15 NA 1 0.3 7 NA | 29 20 17 19 47 6.5 7.5 8 9 10 6 8 8 9 10 10 9 NA 7 7 7 7 5 9 11 11 11 | | 420 500 350 375 189 161 NA | |
| | USI 1/2002 2/1/2002 2/6/2002 2/6/2002 2/1/2002 3/2/0/2002 3/3/1/2002 3/3/1/2002 3/3/1/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/4/2002 4/1/2002 | 15:48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 16:55 10:31 16:50 11:40 17:00 12:245 14:30 12:00 12:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:22 8:35 10:17 12:244 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 9 10 8 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 11 9 8 | | 420 500 390 375 189 161 NA | |
| | ISI J.2002. 2A/2002. 2A/2002. 2A/2002. 2A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 4A/2002. | 15-48 10:00 13:00 11:00 14:00 14:00 14:00 14:00 16:55 10:31 16:55 11:30 17:00 11:30 12:00 11:00 12:04 15:51 12:24 16:52 16:31 15:51 12:48 15:10 16:20 18:35 16:11 16:20 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 8 9 10 6 8 8 9 10 10 10 10 10 5 9 NA 7 4.5 10 5 9 11 11 11 11 11 11 11 11 11 11 11 11 1 | | 420 500 390 375 189 161 NA | |
| | US1/2002 2/1/2002 2/6/2002 2/1/5/002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 4/7/2002 | 15:48 10:00 13:00 11:00 14:00 14:00 14:00 14:00 16:550 11:40 17:00 11:30 12:200 11:30 12:245 14:30 19:35 18:37 15:20 15:51 12:48 19:10 16:20 8:35 10:17 11:244 11:10 16:20 8:35 10:17 11:34 | 45 23 18 16 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10 | 29 20 17 19 47 6.5 8 9 10 8 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 11 11 9 8 8 8 7 | | 420 500 350 350 375 188 181 NA | |
| | ISI J.2002. 2A/2002. 2A/2002. 2A/2002. 2A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 3A/2002. 4A/2002. | 15-48 10:00 13:00 11:00 14:00 14:00 14:00 14:00 16:55 10:31 16:55 11:30 17:00 11:30 12:00 11:00 12:04 15:51 12:24 16:52 16:31 15:51 12:48 15:10 16:20 18:35 16:11 16:20 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 8 9 10 6 8 8 9 10 10 10 10 10 5 9 NA 7 4.5 10 5 9 11 11 11 11 11 11 11 11 11 11 11 11 1 | | 420 500 390 375 189 161 NA | |
| | US1/2002 2/4/2002 2/6/2002 2/6/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/1 | 15-48 10:00 13:00 13:00 14:00 14:00 14:00 14:20 10:58 10:51 11:40 17:00 11:50 11:40 17:00 11:50 12:00 11:50 12:00 15:51 14:53 16:52 16:51 16:52 16:51 16:71 16:72 16:72 16:73 16:73 16:71 16:72 16:73 16:71 16:72 16:73 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 10 9 7 7 4.5 10 11 11 11 9 8 8 8 8 7 6 NA NA | | 420 500 390 375 189 161 NA | |
| | USI/2002 2/4/2002 2/4/2002 2/5/2002 2/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 4/7/2002 | 15-48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 16:58 10:31 16:55 10:31 14:00 17:70 12:00 | 45 23 18 16 15 NA 1 1 0.3 0.7 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 11 19 8 8 7 7 6 NA NA 6 | | 420 500 390 375 189 161 NA | |
| | US1/2002 2/4/2002 2/4/2002 2/4/2002 2/1/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/1/2002 4/4/ | 15:48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 10:08 10:08 10:08 10:08 10:08 10:08 11:00 | 45 23 18 16 15 NA 1 0.3 0.7 NA | 29 20 17 19 47 6.5 7.5 8 9 10 10 8 8 8 9 10 10 9 NA 7 11 11 9 8 8 7 7 8 9 11 11 11 9 8 8 7 7 8 8 8 7 8 9 10 10 9 11 11 11 9 8 8 8 7 8 8 8 8 7 8 8 8 8 8 8 8 8 8 8 | | 420 500 390 375 189 161 NA | |
| | USI 1/2002 2/4/2002 2/4/2002 2/5/2002 2/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 3/5/2002 4/7/2002 4 | 15-48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 16:08 10:38 10:31 16:53 11:40 11:00 | 45 23 18 16 15 NA 1 1 0 3 7 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 5 9 11 11 11 19 8 8 NA 7 7 7 6 6 6 6 NA NA 6 6 | | 420 500 390 375 189 161 NA | |
| | LIST/2002 2/4/2002 2/4/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 4/7/2002 4/ | 15:48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 16:05 10:38 10:31 16:55 11:40 17:00 11:00 11:00 11:00 12:45 16:35 | 45 23 18 16 15 NA 1 1 0 3 07 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 11 11 11 9 8 8 7 7 7 4.5 9 11 44 4 | | 420 500 500 575 189 161 NA | |
| | US1/2002 2/4/2002 2/4/2002 2/4/2002 2/4/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 3/20/2002 4/2002 4 | 15:48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 10:08 10:08 10:08 10:08 10:08 10:08 10:08 11:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 12:00 11:00 11:00 12:00 11:00 | 45 23 18 16 15 15 16 15 17 10 10 10 10 10 10 10 10 10 10 10 10 10 | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 9 11 11 9 8 8 7 6 6 6 4 4 | | 420 500 390 375 188 181 NA | |
| | LIST/2002 2/4/2002 2/4/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 2/5/2002 4/7/2002 4/ | 15:48 10:00 13:00 13:00 14:00 14:00 14:00 14:00 16:05 10:38 10:31 16:55 11:40 17:00 11:00 11:00 11:00 12:45 16:35 | 45 23 18 16 15 NA 1 1 0 3 07 NA | 29 20 17 19 47 6.5 8 9 10 6 8 8 9 10 10 9 NA 7 4.5 10 11 11 11 9 8 8 7 7 7 4.5 9 11 44 4 | | 420 500 500 575 189 161 NA | |

| System: | Building 2 SVE | system | | | | | |
|-----------|--|---|---|---|------------|--|---|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
| 2-VEW-13B | 11/27/2001 | 13:00 | 40 | 25 | | 1,850 | Well Closed 11/28/01-1/2/02 |
| | 1/3/2002 | 15:00 15:00 | 35 NA | 21 5 | | 990 NA | Well Opened |
| | 1/18/2002 | 18:00 | NA | 4.7 | | NA | |
| | 1/24/2002 1/31/2002 | 15:10 15:48 | NA 22 | 5.1 29 | | NA 3,550 | |
| | 2/1/2002 | 10:00 | 12 | 20 | | 2,500 | - |
| | 2/6/2002 2/15/2002 | 13:00 11:00 | 12 9.6 | 17 19 | | 1,900 1,590 | Well Closed |
| | 3/20/2002 | 14:00 | NA | 53 | | 303 | - |
| | 3/29/2002 3/30/2002 | 14:20 10:58 | 6 8 | 24.5 26 | | 170 289 | Well Opened |
| | 3/31/2002 4/1/2002 | 10:31 16:50 | 5.6 5.8 | 26 27 | | 327 291 | - |
| | 4/2/2002 | 11:40 | 7.6 | 30 | | 621 | |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | 10 8.6 | 23 28 | | 632 605 | |
| | 4/6/2002 | 12:00 | 8.5 | 28 | | 626 | - |
| | 4/7/2002 4/8/2002 | 11:00 12:45 | 8 7.5 | 28.5 29 | | 582 794 | |
| | 4/9/2002 | 8:45 | 8 | 29 26 | | 697 | |
| | 4/10/2002 4/11/2002 | 14:30 19:35 | 8.3 NA | NA | | 623 NA | |
| | 4/12/2002 4/17/2002 | 18:37 15:20 | 31.1 38.2 | 47 40.5 | | NA 567 | - |
| | 4/23/2002 | 15:51 | 27.5 | 47 | | NA | |
| | 5/3/2002 5/9/2002 | 12:48 19:10 | 33.5 27 | 37.5 41 | | 388 340 | |
| | 5/23/2002 | 16:20 | 32.4 | 45 | | * 25 | |
| | 6/13/2002 6/20/2002 | 8:35 10:17 | 38 38 | 45.5 46.5 | | * 42 * 25 | |
| | 6/27/2002 | 12:34 | 44.4 | 45.5 | | * 14 | |
| | 7/3/2002 7/9/2002 | 11:00 14:17 | 44 46.6 | 44 46 | | 85 78 | |
| | 7/15/2002 7/23/2002 | 11:48 9:12 | 59 63.5 | 51 51 | | 76 47 | |
| | 7/30/2002 | 13:35 | NA. | NA. | | NA. | |
| | 8/7/2002 8/15/2002 | 15:15 15:30 | 77.5 61 | 56 48 | | 73 NA | |
| | 8/20/2002 | 11:28 | 72 | 58 | | 75 | |
| | 8/27/2002 9/5/2002 | 9:40 10:45 | 74 NA | 56 16 | | 28 NA | Well Closed |
| | 9/13/2002 | 12:45 | NA | 15 | | NA | well closed |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | NA 33.6 | 16 28 | | NA 6 | |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | NA NA | 16 16 | | NA NA | : |
| 2-VEW-14A | 11/27/2001 | 13:00 15:00 | 18 19 | 25 23 | | 1,300 390 | Well Closed 11/28/01-1/2/02 |
| | 1/10/2002 | 15:00 | NA. | 22 | | 700 | Well Opened |
| | 1/18/2002 1/24/2002 | 18:00 15:10 | 40 75 | 48 42 | | 520 415 | |
| | 1/31/2002 | 15:48 | 52 | 28 | | 140 | - |
| | 2/L/2002 2/6/2002 | 10:00 13:00 | 43 44 | 20 17 | | 140 102 | |
| | 2/15/2002 | 11:00 | 46 | 18 | | 50 | |
| | 3/20/2002 3/29/2002 | 14:00 14:20 | NA 18 | 42 44 | | 58 NA | Well Closed |
| | 3/30/2002 | 10:58 | 0.3 | 6 7 | | NA | |
| | 3/31/2002 4/1/2002 | 10:31 16:50 | 0.1 NA | 7 | | NA NA | - |
| | 4/2/2002 4/4/2002 | 11:40 17:00 | NA NA | 8 6.5 | | NA NA | |
| | 4/5/2002 | 11:30 | NA | 9 | | NA | - |
| | 4/6/2002 4/7/2002 | 12:00 11:00 | NA NA | 9 9.5 | | NA NA | |
| | 4/8/2002 | 12:45 | NA | 10.5 | | NA | - |
| | 4/9/2002 4/10/2002 | 8:45 14:30 | NA NA | 10 10 | | NA NA | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | |
| | 4/12/2002 4/17/2002 | 18:37 15:20 | 20 33 | 20 16 | | NA 27 | - |
| | 4/23/2002 5/3/2002 | 15:51 12:48 | 24 26.6 | 22 14 | | NA 23 | - |
| | 5/9/2002 | 19:10 | NA | 8 | | NA | |
| | 5/23/2002 6/13/2002 | 16:20 8:35 | NA NA | 9 | | NA NA | - |
| | 6/20/2002 | 10:17 | NA | 9 | | NA | - |
| | 6/27/2002 7/3/2002 | 12:34 11:00 | NA NA | 8.5 9 | | NA NA | : |
| | 7/9/2002 | 14:17 | NA | 8.5 | | NA | |
| | 7/15/2002 7/23/2002 | 11:48 9:12 | NA NA | 8 7 | | NA NA | |
| | 7/30/2002 8/7/2002 | 13:35 15:15 | NA NA | NA NA | | NA NA | |
| | 8/15/2002 | 15:30 | NA | 6 | | NA | |
| | | | NA | 7 | | NA | |
| | 8/20/2002 | 11:28 | | | | | |
| | 8/27/2002 9/5/2002 | 9:40 10:45 | NA NA | 6 | | NA NA | - |
| | 8/27/2002 9/5/2002 9/13/2002 | 9:40 10:45 12:45 | NA NA NA | 6 5 | | NA NA | - |
| | 8/27/2002 9/5/2002 9/13/2002 9/19/2002 9/25/2002 | 9:40 10:45 12:45 13:20 7:02 | NA NA NA NA 47.4 | 6 5 5 26 | | NA NA NA 2 | : |
| | 8/27/2002 9/5/2002 9/13/2002 9/19/2002 | 9:40 10:45 12:45 13:20 | NA NA NA NA | 6 5 5 | | NA NA NA | |
| 2-VEW-14B | 8/27/2002 9/5/2002 9/13/2002 9/13/2002 9/15/2002 10/1/2002 10/9/2002 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA 47.4 NA NA | 6 5 5 26 4 5 | | NA NA NA 2 NA NA | - - - - Initial Startup |
| 2-VEW-14B | 8/77/2002 9/5/2002 9/13/2002 9/19/2002 9/25/2002 10/1/2002 11/27/2001 11/28/2001 11/3/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA 47.4 NA NA NA | 6 5 5 26 4 5 25.0 27.5 27.0 | | NA NA NA 2 NA NA 1.750 3,000 NA | Initial Startup Well Opened |
| 2-VEW-14B | 8/27/2002 9/5/2002 9/13/2002 9/19/2002 9/25/2002 10/1/2002 11/27/2001 11/28/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA NA NA NA 47.4 NA NA | 6 5 5 26 4 5 25.0 27.5 | | NA NA 2 NA NA NA | Initial Startup Well Opeaed |
| 2-VEW-14B | 8/27/2002 9/5/2002 9/13/2002 9/13/2002 9/15/2002 10/1/2002 10/1/2002 11/27/2001 11/28/2001 12/3/2001 12/4/2001 12/4/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 | NA NA NA NA 47.4 NA NA NA NA NA NA NA NA NA | 6 5 5 26 4 5 25.0 27.5 27.0 26.0 28.0 28.0 | | NA NA NA 2 NA | Initial Startup Well Opened |
| 2-VEW-14B | 8/27/2002 9/5/2002 9/13/2002 9/13/2002 9/15/2002 10/1/2002 11/27/2001 11/23/2001 12/3/2001 12/3/2001 12/5/2001 12/5/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 8:30 | NA NA NA NA 47.4 NA | 6 5 5 5 26 4 5 5 5 27.0 25.0 27.5 27.0 28.0 28.0 28.2 | | NA NA NA 2 2 NA NA NA NA NA 2 2 NA NA NA 2 2 2 2 | Initial Startup Well Opened |
| 2-VEW-14B | 8/27/2002 9/15/2002 9/15/2002 9/15/2002 10/17/2002 10/17/2002 11/27/2001 11/39/2001 12/47/2001 12/47/2001 12/47/2001 12/47/2001 12/47/2001 12/47/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 8:30 7:30 | NA NA NA NA 47.4 NA | 6 5 5 26 4 5 5 25.0 27.5 27.0 28.0 28.2 29.5 29.0 | | NA NA NA 2 2 NA | Indial Startup Well Opened |
| 2-VEW-14B | 8/27/2002 9/5/2002 9/13/2002 9/13/2002 9/13/2002 10/1/2002 10/1/2002 11/27/2001 11/28/2001 12/4/2001 12/4/2001 12/5/2001 12/5/2001 12/5/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 7:30 | NA NA NA NA 47.4 NA | 6 5 5 5 26 4 5 25.0 27.5 27.0 28.0 28.0 28.2 29.5 | | NA NA NA 2 NA NA 1,750 3,000 NA NA 960 2,400 2,930 3,875 | Initial Startup Well Opened |
| 2-VEW-14B | 827/2002 91/2002 91/2002 91/2002 91/2002 101/2002 109/2002 11/28/2001 11/28/2001 12/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 7:30 7:30 16:00 13:00 14:00 14:00 15:00 16:00 16:00 16:00 | NA NA NA A7.4 NA | 6 5 5 26 4 5 25.0 27.5 27.0 28.0 28.0 28.0 29.5 29.5 29.0 24.0 28.0 30.0 | | NA NA NA 12 NA NA 1,750 3,000 NA NA 960 2,400 2,930 3,875 2,650 NA 4,075 3,880 | Indial Startup Well Opened |
| 2-VEW-14B | 827/2002 91/3/2002 91/3/2002 91/3/2002 91/3/2002 91/3/2002 10/1/2002 10/1/2002 11/2/2001 11/2/2001 11/2/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/4/2001 12/1/2001 12/1/2001 12/1/2001 12/1/2001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 8:30 7:30 16:00 | NA NA NA NA 47.4 NA | 6 5 5 25 4 4 5 5 25.0 27.5 27.0 28.0 28.2 29.5 29.0 24.0 28.0 | | NA NA NA 2 NA NA 1,750 3,000 NA | Initial Startup Well Opened |
| 2-VEW-14B | 82772002 9132002 9132002 9132002 9132002 9132002 10172002 10172002 11272001 11282001 11282001 12872001 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:00 13:00 16:00 13:00 16: | NA NA NA NA 47.4 NA | 6 5 5 26 4 5 25.0 27.5 27.0 26.0 0 88.0 29.5 29.5 29.0 24.0 28.0 30.0 1.9 0.8 1.6 | | NA NA NA 2 NA NA 1.750 3.0000 NA NA 2 960 2.290 3.875 2.550 NA 4.075 3.850 NA NA NA NA | Initial Startup Well Opened |
| 2-VEW-14B | 82775002 9137000 9137000 9137000 9137000 9137000 9257000 1017000 1017000 11727000 11727000 1274700 1274700 1274700 1274700 1274700 1271700 | 9:40 10:45 12:245 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 16:30 7:30 16:00 13:00 16:00 11:00 19:15 11:15 15:10 11:10 | NA NA NA A7.4 NA NA A7.4 NA | 6 5 5 6 4 5 5 6 4 5 5 6 6 6 6 6 6 6 6 6 | | NA NA NA 12 NA NA 1,750 3,000 NA | Initial Startup Well Opened Well Closed Well Closed |
| 2-VEW-14B | 82772002 9152002 9152002 9152002 9152002 9252002 1072002 1072002 11/272001 11/282001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2001 12/2000 12/12/2001 12/12/2001 12/12/2001 12/12/2001 12/12/2001 12/12/2001 12/12/2001 12/12/2001 12/20/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/200 12/2 | 9:40 10:45 12:245 13:20 7:02 15:51 15:10 13:15 14:20 17:10 10:15 16:50 16:00 1 | NA NA NA A7.4 NA NA A7.4 NA | 6 5 5 5 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | NA NA NA 12 NA NA 1.750 3,000 NA NA NA NA NA 1.750 3,000 NA | Initial Startup Well Opened |
| 2 VEW-14B | 82775002 9137000 9137000 9137000 9137000 9137000 9257000 1017000 1017000 11727000 11727000 1274700 1274700 1274700 1274700 1274700 1271700 | 9:40 10:45 12:45 13:20 7:02 15:51 9:43 13:15 14:20 17:10 10:15 16:30 16:00 11:00 11:00 11:15 16:15 16:10 16:00 11:00 11:15 16:10 16: | NA NA NA NA 47.4 NA | 6 5 5 26 4 5 5 27.5 27.0 25.0 28.0 28.0 29.5 29.0 28.0 38.0 38.0 38.1 5 20.0 1.9 0.8 1.6 21.0 21.0 | | NA NA NA 2 NA 1,750 3,000 NA NA 960 2,200 2,230 2,230 3,357 2,550 NA | Initial Startup Well Opened |
| 2-VEW-14B | 82772002 9132002 9132002 9132002 9132002 9252002 10172002 10972002 11272001 11282001 11282001 12872001 12872001 12872001 12872001 12872001 1297200 129720 | 9:40 10:45 12:245 13:20 7:02 15:51 9:43 13:00 13:15 14:20 17:10 10:15 16:30 16:00 13:00 13:15 11:10 13:15 11:10 13:15 11:10 13:15 11:10 13:15 11:10 13:15 11:10 13:10 1 | NA NA NA A7.4 NA A7.4 NA | 6 5 5 26 4 5 5 26 4 5 5 27.5 27.0 25.0 28.0 28.0 28.5 29.0 24.0 28.0 30.0 1.9 0.8 1.6 21.0 21.0 4.2 5.9 | | NA NA NA 2 NA NA 1,750 3,000 NA NA 960 2,200 2,230 3,255 2,550 3,850 3,850 3,850 NA NA 830 NA NA | Initial Startup Well Opened Well Closed Well Closed |

| ystem: | Building 2 SVE | system | | | | | |
|-----------|---|--|--|--|------------|---|---|
| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
| | 2/15/2002 3/20/2002 | 11:00 14:00 | 13 NA | 18 47 | | 520 79 | Well Closed |
| | 3/29/2002 | 14:20 | 24.5 | 27 | | 163 | Well Opened |
| | 3/30/2002 | 10:58 | 16.7 | 28.5 | | 94 | |
| | 3/31/2002 4/L/2002 | 10:31 16:50 | 17 16 | 29 29 | | 191 208 | |
| | 4/2/2002 | 11:40 | 16 | 30 | | 190 | - |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | 16.4 17.3 | 29.5 28.5 | | 240 206 | - |
| | 4/6/2002 | 12:00 | 16.9 | 29.3 | | 200 | |
| | 4/7/2002 | 11:00 | 17.6 | 29.5 | | 191 | - |
| | 4/8/2002 4/9/2002 | 12:45 8:45 | 17.8 16.7 | 30.5 29 | | 189 207 | |
| | 4/10/2002 | 14:30 | 17.6 | 28 | | 210 | |
| | 4/11/2002 | 19:35 | NA | NA | | NA | - |
| | 4/12/2002 4/17/2002 | 18:37 15:20 | 11 11.3 | 26 20 | | NA 210 | |
| | 4/23/2002 | 15:51 | 10.5 | 28 | | NA. | |
| | 5/3/2002 | 12:48 | 10.9 | 16 | | 129 | - |
| | 5/9/2002 5/23/2002 | 19:10 16:20 | 11 10.8 | 23 9 | | 58 NA | |
| | 6/13/2002 | 8:35 | 11 | 26 | | * 5.2 | |
| | 6/20/2002 | 10:17 | 10.4 | 27 | | *7.0 | - |
| | 6/27/2002 7/3/2002 | 12:34 11:00 | 12.2 11 | 25.5 25 | | * 4.0 32 | |
| | 7/9/2002 | 14:17 | 11.5 | 26 | | 11 | |
| | 7/15/2002 | 11:48 | NA | 16 | | NA | Well Closed |
| | 7/23/2002 7/30/2002 | 9:12 13:35 | NA NA | 16 NA | | NA NA | |
| | 8/7/2002 | 15:15 | NA | NA | | NA. | |
| | 8/15/2002 | 15:30 | NA | 15 | | NA | |
| | 8/20/2002 8/27/2002 | 11:28 9:40 | NA NA | 16 16 | | NA NA | |
| | 9/5/2002 | 10:45 | NA | 14 | | NA. | |
| | 9/13/2002 | 12:45 | NA | 13 | | NA | |
| | 9/19/2002 | 13:20 7:02 | NA 17.7 | 13 28 | | NA 4 | |
| | 10/1/2002 | 15:51 | NA | 12 | | NA | |
| | 10/9/2002 | 9:43 | NA | 13 | | NA | - |
| 2-VEW-15A | 11/27/2001 | 13:00 | 41 | 30 | | 1,170 | Well Closed 11/28/01-1/2/ |
| | 1/3/2002 | 15:00 | 23 | 18 | | 67 | Well Opened |
| | 1/10/2002 | 15:00 18:00 | NA 61 | 1.9 47 | | NA 810 | |
| | 1/24/2002 | 15:10 | 83 | 43 | | 585 | |
| | 1/31/2002 | 15:48 | 37 | 28 | | 500 | - |
| | 2/L/2002 2/6/2002 | 10:00 13:00 | 27 23 | 20 16 | | 300 290 | |
| | 2/15/2002 | 11:00 | 29 | 18 | | 150 | |
| | 3/29/2002 | 14:20 | 1 | 5 | | NA | Well Closed |
| | 3/30/2002 3/31/2002 | 10:58 10:31 | 0.5 4 | 6 | | NA NA | |
| | 4/1/2002 | 16:50 | NA. | 7 | | NA NA | - |
| | 4/2/2002 | 11:40 | NA | 8 | | NA | - |
| | 4/4/2002 4/5/2002 | 17:00 11:30 | NA NA | 4 6 | | NA NA | |
| | 4/6/2002 | 12:00 | NA | 6.5 | | NA | - |
| | 4/7/2002 | 11:00 | NA | 7 | | NA | - |
| | 4/8/2002 4/9/2002 | 12:45 8:45 | NA NA | 8 | | NA NA | |
| | 4/10/2002 | 14:30 | NA | 7 | | NA | - |
| | 4/11/2002 | 19:35 | NA | NA | | NA | |
| | 4/12/2002 4/17/2002 | 18:37 15:20 | NA NA | 6 3.5 | | NA NA | - |
| | 4/23/2002 | 15:51 | NA | 7 | | NA | - |
| | 5/3/2002 | 12:48 | NA | 3 | | NA | |
| | 5/9/2002 5/23/2002 | 19:10 16:20 | NA NA | 6 7 | | NA NA | - |
| | 6/13/2002 | 8:35 | NA | 7 | | NA | - |
| | 6/20/2002 | 10:17 | NA | 7 | | NA | - |
| | 6/27/2002 7/3/2002 | 12:34 11:00 | NA NA | 7 | | NA NA | |
| | 7/9/2002 | 14:17 | NA | 7 | | NA | - |
| | 7/15/2002 | 11:48 | NA | 7 | | NA | - |
| | 7/23/2002 7/30/2002 | 9:12 13:35 | NA NA | 6 NA | | NA NA | |
| | 8/7/2002 | 15:15 | NA | NA | | NA. | - |
| | 8/15/2002 | 15:30 | NA | 6 | | NA | - |
| | 8/20/2002 8/27/2002 | 11:28 9:40 | NA NA | 7 6 | | NA NA | |
| | 9/5/2002 | 10:45 | NA | 6 | | NA | - |
| | 9/13/2002 | 12:45 | NA | 6 | | NA | - |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | NA 62 | 5 28 | | NA 55 | - |
| | 10/1/2002 | 15:51 9:43 | NA NA | 4 5 | | NA NA | - |
| | 10072002 | 3.13 | 100 | | | | |
| 2-VEW-15B | 11/27/2001 1/3/2002 | 13:00 15:00 | 22 20 | 25 21 | | 1,120 575 | Well Closed 11/28/01-1/2 Well Opened |
| | 1/10/2002 | 15:00 | 23 | 22 | | 2,100 | wen opened |
| | 1/18/2002 | 18:00 | 61 | 47 | | 810 | - |
| | 1/24/2002 | 15:10 15:48 | NA 10 | 5.1 28 | | NA 1.400 | |
| | 2/1/2002 | 10:00 | 7 | 21 | | 925 | - |
| | 2/6/2002 | 13:00 | 6 | 16 | | 765 | *** |
| | 2/15/2002 | 11:00 14:00 | 6 NA | 18 51 | | 665 113 | Well Closed |
| | 3/20/2002 | | 10. | 39 | | 300 | Well Opened |
| | 3/20/2002 3/29/2002 | 14:20 | 19 | | | 41.4 | - |
| | 3/29/2002 3/30/2002 | 10:58 | 18 | 41 | | 414 | _ |
| | 3/29/2002 | 14:20 10:58 10:31 16:50 | 18 18 16 | 41 41 29 | | 414 412 208 | : |
| | 3/29/2002 3/30/2002 3/31/2002 4/L/2002 4/2/2002 | 10:58 10:31 16:50 11:40 | 18 18 16 18 | 41 41 29 44 | | 412 208 360 | |
| | 3/29/2002 3/30/2002 3/31/2002 4/1/2002 4/2/2002 4/4/2002 | 10:58 10:31 16:50 11:40 17:00 | 18 18 16 18 18.8 | 41 41 29 44 39 | | 412 208 360 385 | |
| | 3/29/2002 3/30/2002 3/31/2002 4/1/2002 4/2/2002 4/4/2002 4/5/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 | 18 18 16 18 18.8 20.5 | 41 41 29 44 39 40.5 | | 412 208 360 385 315 | |
| | 3/29/2002 3/30/2002 3/31/2002 4/1/2002 4/2/2002 4/4/2002 4/5/2002 4/6/2002 4/7/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 | 18 18 16 18 18.8 20.5 18.5 17.6 | 41 41 29 44 39 40.5 42 43 | | 412 208 360 385 315 311 276 | : |
| | 3/29/2002 3/3/07/2002 3/31/2002 4/L/2002 4/2/2002 4/4/2002 4/5/2002 4/7/2002 4/7/2002 4/8/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 | 18 16 18 18.8 20.5 18.5 17.6 20 | 41 41 29 44 39 40.5 42 43 | | 412 208 360 385 315 311 276 289 | - |
| | 3/29/2002 3/30/2002 4/1/2002 4/1/2002 4/2/2002 4/4/2002 4/5/2002 4/6/2002 4/8/2002 4/8/2002 4/9/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 | 18 16 18 18.8 20.5 18.5 17.6 20 18.7 | 41 41 29 44 39 40.5 42 43 44 | | 412 208 360 385 315 311 276 289 | : |
| | 3/29/2002 3/3/07/2002 3/31/2002 4/L/2002 4/2/2002 4/4/2002 4/5/2002 4/7/2002 4/7/2002 4/8/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 | 18 16 18 18.8 20.5 18.5 17.6 20 | 41 41 29 44 39 40.5 42 43 | | 412 208 360 385 315 311 276 289 | - |
| | 3/25/2002 3/31/2002 4/1/2002 4/1/2002 4/4/2002 4/5/2002 4/5/2002 4/6/2002 4/6/2002 4/6/2002 4/6/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 | 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 | 41 41 29 44 39 40,5 42 43 44 44 42 NA 48 | | 412 208 360 385 315 311 276 289 284 277 NA | - |
| | 3/25/2002 3/30/2002 3/31/2002 4/1/2002 4/1/2002 4/4/2002 4/5/2002 4/5/2002 4/7/2002 4/9/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 4/1/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 | 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 | 41 41 29 44 39 40.5 42 43 44 44 42 NA 48 41 | | 412 208 360 385 315 311 276 289 284 277 NA NA | - |
| | 3/25/2002 3/31/2002 3/31/2002 4/1/2002 4/4/2002 4/4/2002 4/6/2002 4/6/2002 4/8/2002 4/10/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 4/11/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 | 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 | 41 41 29 44 39 40.5 42 43 44 44 42 NA 48 41 | | 412 208 360 385 315 311 276 289 284 277 NA NA 254 | - |
| | \$29,0002 \$40,0002 \$41,0002 \$41,0002 \$41,0002 \$47,00 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 | 18 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 18 20.3 18 | 41 41 29 44 39 40,5 42 43 44 42 NA 48 41 48 41 | | 412 208 360 385 315 311 276 289 284 277 NA NA 254 NA | |
| | \$29/0002 \$43/00002 \$41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 59/2002 59/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 | 18 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 18 20.3 18 18.6 | 41 41 29 44 39 40.5 42 43 44 44 42 NA 48 37 40 45 | | 412 208 360 385 315 311 276 289 284 277 NA NA 254 NA 148 169 | |
| | \$29/0002 \$31/0002 \$41/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/2002 44/12002 54/1 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 | 18 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 18 20.3 18 18.6 21.7 | 41 41 29 44 39 40,5 42 43 44 44 42 NA 48 41 48 41 48 41 48 41 48 | | 412 208 360 385 315 311 276 289 284 277 NA NA 254 NA 148 169 * 13 | |
| | \$29/0002 \$43/00002 \$41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 41/2002 59/2002 59/2002 | 10:58 10:31 16:50 11:40 17:00 11:30 12:00 11:00 12:45 8:45 14:30 19:35 18:37 15:20 15:51 12:48 19:10 | 18 18 16 18 18.8 20.5 18.5 17.6 20 18.7 18.2 NA 18.4 24.5 18 20.3 18 18.6 | 41 41 29 44 39 40.5 42 43 44 44 42 NA 48 37 40 45 | | 412 208 360 385 315 311 276 289 284 277 NA NA 254 NA 148 169 | |

| WELL ID | | system | | | | | |
|-------------|--|---|--|---|------------|---|--|
| WELLID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | 26 30 | 47 51 | | 55 81 | - |
| | 7/23/2002 | 9:12 | 33 | 51 | | 49 | - |
| | 7/30/2002 8/7/2002 | 13:35 15:15 | NA 37.5 | NA 56 | | NA 80 | - |
| | 8/15/2002 | 15:30 | 30 | 48 | | NA. | - |
| | 8/20/2002 | 11:28 | 36 | 59 | | 97 | - |
| | 8/27/2002 9/5/2002 | 9:40 10:45 | 45 45 | 57 61 | | 34 29 | |
| | 9/13/2002 | 12:45 | 42.5 | 58 | | 52 | - |
| | 9/19/2002 9/25/2002 | 13:20 7:02 | 43.1 36.3 | 54 51 | | 32 51 | |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | 35.4 40.2 | 50 49 | | 48 43 | - |
| | | | | | | | |
| 2-VEW-16A | 5/9/2002 5/23/2002 | 19:10 16:20 | NA. | 41 12.5 | | 13 NA | Well Opened Well Closed |
| | 6/13/2002 6/20/2002 | 8:35 10:17 | NA NA | 16 16 | | NA NA | - |
| | 6/27/2002 | 12:34 | NA | 12 | | NA. | - |
| | 7/3/2002 7/9/2002 | 11:00 14:17 | NA NA | 12 16 | | NA NA | |
| | 7/15/2002 | 11:48 | NA | 13 | | NA. | - |
| | 7/23/2002 7/30/2002 | 9:12 13:35 | NA NA | 12 NA | | NA NA | Piping disconnected |
| | 8/7/2002 | 15:15 | NA NA | NA NA | | NA NA | riping disconnected |
| | 8/15/2002 | 15:30 | NA | NA | | NA | |
| | 8/20/2002 8/27/2002 | 11:28 9:40 | NA NA | NA NA | | NA NA | |
| | 9/5/2002 | 10:45 | NA | 9 | | NA | Well Closed |
| | 9/13/2002 9/19/2002 | 12:45 13:20 | NA NA | 8 8 | | NA NA | |
| | 9/25/2002 | 7:02 | NA NA | NA. | | NA NA | Piping disconnected |
| | 10/1/2002 10/9/2002 | 15:51 9:43 | NA NA | 12 9 | | NA NA | Well Closed |
| 2 X/RWI 16D | 5/9/2002 | 10:10 | 45 | 20 | | 46 | W-T O |
| 2-VEW-16B | 5/23/2002 | 19:10 16:20 | 51.5 | 30 33 | | 46 * 4.7 | Well Opened |
| | 6/13/2002 | 8:35 | 54 | 36 | | * 8.0 | - |
| | 6/20/2002 6/27/2002 | 10:17 12:34 | 50 50 | 38 32.5 | | * 7.0 * 8.2 | - |
| | 7/3/2002 | 11:00 | 52 | 32 | | 37 | - |
| | 7/9/2002 7/15/2002 | 14:17 11:48 | 47 60 | 37 28 | | 15 49 | |
| | 7/23/2002 | 9:12 | 60.5 | 34 | | 29 | |
| | 7/30/2002 | 13:35 | NA | NA | | NA | Piping disconnected |
| | 8/7/2002 8/15/2002 | 15:15 15:30 | NA NA | NA NA | | NA NA | |
| | 8/20/2002 | 11:28 | NA | NA | | NA | - |
| | 8/27/2002 9/5/2002 | 9:40 10:45 | NA NA | NA 12 | | NA NA | - Well Closed |
| | 9/13/2002 | 12:45 | NA. | 10 | | NA NA | - Tell Closed |
| | 9/19/2002 | 13:20 | NA | 12 | | NA | |
| | 9/25/2002 10/1/2002 | 7:02 15:51 | NA NA | NA 12 | | NA NA | Piping disconnected Well Closed |
| | 10/9/2002 | 9:43 | NA | 12 | | NA | - |
| | 5/9/2002 | 19:10 | 15 | 23 | | 2 | Well Opened |
| 2-VEW-17A | | | | | | | |
| 2-VEW-17A | 5/23/2002 | 16:20 | NA | 6 | | NA | Well Closed |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/20/2002 | 16:20 8:35 10:17 | NA NA NA | 6 6.5 6.5 | | na na na | |
| 2 VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 | 16:20 8:35 10:17 12:34 | NA NA NA NA | 6 6.5 6.5 6 | | NA NA NA NA | |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/9/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 | NA NA NA NA NA NA | 6 6.5 6.5 6 6 | | NA NA NA NA NA NA | |
| 2 VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/9/2002 7/15/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 | NA NA NA NA NA NA | 6 6.5 6.5 6 6 6 | | NA NA NA NA NA NA | |
| 2 VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/9/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 | NA NA NA NA NA NA | 6 6.5 6.5 6 6 | | NA NA NA NA NA NA | Well Closed - - - - - - - |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/3/2002 7/15/2002 7/23/2002 7/30/2002 8/7/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 | NA | 6 6.5 6.5 6 6 7 7 NA NA | | NA NA NA NA NA NA NA NA | |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/3/2002 7/3/2002 7/30/2002 8/1/2002 8/1/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 | NA N | 6 6.5 6 6 6 7 7 7 NA NA | | NA NA NA NA NA NA NA NA | Well Closed |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/27/2002 6/27/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 8/7/2002 8/15/2002 8/20/2002 8/27/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 | NA N | 6 6.5 6.5 6 6 7 7 NA NA NA | | NA N | Well Closed |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/21/2002 6/27/2002 7/3/2002 7/3/2002 7/13/2002 7/23/2002 8/7/2002 8/7/2002 8/20/2002 8/27/2002 8/27/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 9:40 | NA N | 6 6.5 6.5 6 6 6 7 7 NA NA NA NA | | NA N | Well Closed |
| 2-VEW-17A | 5/23/2002 6/13/2002 6/27/2002 6/27/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 8/7/2002 8/15/2002 8/20/2002 8/27/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 | NA N | 6 6.5 6.5 6 6 7 7 NA NA NA | | NA N | Well Closed |
| 2-VEW-17A | \$23,2002 613,2002 620,2002 620,2002 7,742,002 7,742,002 713,2002 713,2002 81,72,002 827,2002 827,2002 91,72,002 91,72,002 91,72,002 91,72,002 91,72,002 91,72,002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 9:40 10:45 12:45 13:20 | NA N | 6 6.5 6.5 6 6 6 7 7 NA NA NA NA 4 4 3 3 NA | | NA N | Well Closed |
| 2-VEW-17A | \$23.82.002 6/1.872.002 6/2.072.002 6/2.772.002 7/3/2.002 7/3/2.002 7/3.872.002 7/3.872.002 8/7/2.002 8/7/2.002 8/2.772.002 8/2.772.002 9/1.872.002 9/1.872.002 9/1.872.002 9/1.872.002 9/1.872.002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 9:40 10:45 12:45 | NA N | 6 6.5 6 6 6 7 7 7 NA NA NA NA NA A 4 4 | | NA N | Well Closed |
| | 5/23/2002 6/13/2002 6/20/2002 6/27/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 8/7/2002 8/7/2002 8/7/2002 8/7/2002 8/7/2002 9/3/200 9/3/2002 9/3/2002 9/3/2002 9/3/2002 9/3/2002 9/3/2002 9/3 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 10:45 12:45 13:20 7:02 15:51 13:20 7:02 | NA N | 6 6.5 6.5 6.5 6 6 6 6 7 7 7 NA NA NA NA NA NA A 4 4 3 3 NA 4 6 6 | | NA N | Well Closed |
| | \$23,52002, 613,92002, 620,92002, 620,92002, 747,92002, 747,92002, 748,92002, 748,92002, 841,92002, 842,92002, 842,92002, 843,92002, 843,92002, 843,92002, 844,92002, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202, 845,9202 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 15:28 9:40 11:28 9:40 11:28 9:40 13:29 13:29 14:24 13:20 13:24 13:20 13:20 13:21 | NA N | 6 6.5 6.5 6.5 6 6 6 7 7 NA NA NA NA NA NA 4 4 3 3 NA 4 6 6 | | IVA | Well Closed |
| | \$23,52002, 61,192002, 62,192002, 62,192002, 74,72002, 74,72002, 74,72002, 74,72002, 74,72002, 84 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 15:30 11:28 9:40 10:45 13:20 7:62 15:51 12:45 13:20 7:62 15:51 | NA N | 6 6.5 6.5 6 6 6 7 7 NA NA NA NA 4 4 4 3 NA 4 4 6 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 5/23/2002 6/13/2002 6/21/2002 6/21/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 8/4/2002 8/4/2002 8/4/2002 9/ | 16:20 8:35 10:17 10:34 11:00 14:17 11:48 9:12 13:35 15:15 15:15 15:20 17:28 9:40 10:45 12:45 13:20 7:02 15:51 9:43 | NA N | 6 6.5 6.5 6.5 6.5 6 6 6 6 7 7 7 NA NA NA NA NA NA NA 4 4 4 4 5 8 8.5 9 8 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed |
| | \$23,52002, 61,192002, 62,192002, 62,192002, 74,72002, 74,72002, 74,72002, 74,72002, 81,72002, 81,72002, 82,72002, 82,72002, 82,72002, 82,72002, 82,72002, 82,72002, 82,72002, 82,72002, 83,72002, 84 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 15:30 12:45 13:20 7:02 15:51 9:43 16:20 8:35 16:15 16:20 8:35 16:17 16:20 8:35 16:17 16:20 | NA N | 6 6.5 6.5 6.5 6 6 6 7 7 NA NA NA NA NA NA 4 4 4 3 3 NA 4 6 6 | | 194 194 | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-32002 6113-2002 620/2002 627/2002 747/2002 747/2002 7413-2002 87/2002 87/2002 87/2002 87/2002 87/2002 94/3/2002 94/ | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 9:40 10:45 13:20 7:70 12:45 13:20 15:51 19:43 16:20 8:35 16:15 16:20 8:35 16:17 16:20 8:35 16:17 16:20 8:35 | NA N | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 8 10 8 10 8 10 8 10 8 10 8 10 8 1 | | 194 194 194 194 194 194 194 194 | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-32002 611-32002 621/32002 627/32002 7/4/2002 7/4/2002 7/15/2002 7/15/2002 7/15/2002 7/15/2002 827/2002 9/15/2002 | 16:20 8:15 10:17 12:34 11:00 14:48 9:14 11:48 9:40 10:45 15:15 15:15 15:30 11:28 9:40 10:45 12:245 13:20 7:02 15:15 19:43 19:10 16:20 8:35 10:17 12:34 11:00 14:48 9:11 14:48 9:12 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA NA NA NA NA 4 4 3 3 NA 4 6 6 8 8 5 9 8 8 8 8 9 10 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-32002 611-32002 620/32002 627/32002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 88/7/2002 88/7/2002 911-3/20 | 16:20 8:355 10:17 12:34 11:00 14:17 11:48 19:12 13:35 13:15 13:15 13:15 13:15 13:20 7:02 15:51 12:45 13:20 7:02 15:51 16:32 16 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-20002 6713-2002 67212-2002 67212-2002 7747-2002 7747-2002 7747-2002 7747-2002 7747-2002 7747-2002 8747-2002 8747-2002 8747-2002 9747 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 15:15 15:30 11:28 9:40 10:45 12:45 12:45 13:45 13:45 13:45 13:45 13:45 14:47 14:47 14:47 14:17 15:15 15:15 15:15 15:15 15:15 15:15 | NA N | 6 6.5 6.5 6.5 6.5 6 6 6 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-32002 611-32002 620/32002 627/32002 7/8/2002 7/8/2002 7/8/2002 7/8/2002 88/7/2002 88/7/2002 911-3/20 | 16:20 8:355 10:17 12:34 11:00 14:17 11:48 19:12 13:35 13:15 13:15 13:15 13:15 13:20 7:02 15:51 12:45 13:20 7:02 15:51 16:32 16 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 5/23/2002 6/13/2002 6/20/2002 6/20/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 8/4/2002 8/4/2002 9/13/2002 9/13/2002 10/4/2002 10/4/2002 6/20/2002 8/20/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 13:15 13:15 13:15 13:15 13:26 13 | NA N | 6 6.5 6.5 6.5 6.5 6.6 6 6 7 7 NA NA NA NA 4 4 4 3 3 NA 4 6 6 42 8 8.5 9 8 8 8 8 9 9 10 NA | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-32002 613-32002 6210/2002 6210/2002 74/2002 74/2002 74/2002 74/2002 74/2002 74/2002 74/2002 74/2002 74/2002 8210/2002 8212/2002 94/2002 94/2002 94/2002 104/2002 104/2002 74/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 13:51 15:15 15:15 11:28 11:20 10:45 12:45 13:20 15:15 13:20 15:15 13:20 15:15 13:20 15:15 13:20 15:15 13:20 15:15 13:20 15:11 14:20 15:11 14:20 15:11 14:20 15:11 14:20 15:11 14:20 15:11 1 | NA N | 6 6.5 6.5 6.5 6.5 6.6 6 6 7 7 7 8 8 8 8 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 8 9 10 9 8 8 8 9 10 9 8 8 8 9 10 9 8 9 10 9 8 9 10 9 8 9 10 9 8 9 10 9 8 9 10 9 8 9 10 9 10 9 9 10 9 9 10 9 9 10 9 10 9 9 10 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Well Closed |
| | 523-320002 671/32002 672/32002 672/32002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 7/3/2002 873/3002 873/3002 873/3002 973/3002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 1 | NA N | 6 6.5 6.5 6.5 6.5 6.6 6 6 6 7 7 7 8 8 8 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 8 8 8 8 9 10 | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Piping disconnected Piping disconnected |
| | 5/23/2002 6/13/2002 6/21/2002 6/21/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 8/4/2002 8/4/2002 8/4/2002 9/13/2002 9/13/2002 10/4/2002 10/4/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 6/21/2002 8/21/2002 8/21/2002 6/21/2002 8/21/200 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 13:15 13:15 13:15 13:15 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 14:21 14:20 15:51 15:51 16:20 8:35 16:12 16:20 8:35 16:12 16:20 16:2 | NA N | 6 6.5 6.5 6.5 6.5 6.6 6 6 7 7 NA NA NA NA NA 4 4 3 3 NA 4 6 6 6 8 8 5 9 8 8 8 9 10 NA | | FAA | Well Closed Piping disconnected Well Closed Well Closed Well Opened Well Opened Well Closed |
| 2-VEW-17B | 523-32002 613-32002 6217-32002 6217-32002 713-32002 | 16:20 8:35 10:17 12:34 11:00 14:17 13:45 13:45 14:17 11:48 14:45 13:20 14:28 13:20 15:51 12:45 13:20 16:20 1 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA | | FAA | Well Closed Piping disconnected Well Closed Piping disconnected Well Closed Well Closed Piping disconnected Piping disconnected |
| | 523-32002 613-32002 6210/3002 6217/3002 71/32002 | 16:20 8:355 10:17 12:34 11:00 14:17 11:48 9:12 13:35 13:15 13:15 13:15 13:15 13:20 7:02 15:51 12:45 13:20 13:20 14:21 14 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA | | FAA | Well Closed Piping disconnected Well Closed Well Closed Well Closed Well Closed Well Closed |
| 2-VEW-17B | \$23,20002 611,92002 620,02002 627,02002 747,02002 747,02002 747,02002 747,02002 87,72002 87,72002 87,72002 87,72002 87,72002 911,92002 912,92002 912,92002 913,9202 913,9202 913,9202 913,9202 913,9202 913,9202 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 13:19 14:17 11:48 13:20 14:28 13:20 15:30 16:24 13:20 16:24 13:20 16:20 1 | NA N | 6 6.5 6.5 6.5 6.5 6.5 6.5 6.6 6 6 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 | | PA P | Well Closed Piping disconnected Well Closed |
| 2-VEW-17B | 523-32002 613-32002 6210/2002 6210/2002 6210/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 821/2002 821/2002 9/4/2002 9/4/2002 10/4/2002 10/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 821/2002 821/2002 821/2002 821/2002 821/2002 821/2002 821/2002 9/4/2002 821/2002 9/4/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 11:40 12:15:15 13:20 15:15 13:20 16:24 13:20 16:45 16:45 16:4 | NA N | 6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6. | | PA P | Well Closed Piping di connected Well Closed |
| 2-VEW-17B | \$23,20002 611,92002 620,02002 627,02002 747,02002 747,02002 747,02002 747,02002 87,72002 87,72002 87,72002 87,72002 87,72002 911,92002 912,92002 912,92002 913,9202 913,9202 913,9202 913,9202 913,9202 913,9202 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 13:35 13:35 13:35 13:30 9:40 13:20 7:02 15:51 13:20 7:02 15:51 13:20 14:17 14:17 14:17 14:17 14:17 14:17 14:17 14:17 14:17 14:17 14:17 14:18 14:17 | NA N | 6 6 6 6 6 6 6 6 6 7 7 NA NA NA NA 4 4 4 3 3 NA 4 6 6 7 7 NA | | PA P | Well Closed Piping disconnected Well Closed Well Closed Well Opened Well Opened Well Closed Well Closed Well Closed |
| 2-VEW-17B | 523-20002 6713-2002 6713-2002 6727-2002 7747-2002 7747-2002 7747-2002 7747-2002 8717-2002 8717-2002 8717-2002 8717-2002 8717-2002 9717-2002 | 16:20 8:35 10:17 12:34 11:00 11:40 1 | NA N | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | PA P | Well Closed Piping disconnected Well Closed |
| 2-VEW-17B | 523-32002 613-32002 6210/2002 6210/2002 6210/2002 7/3-72002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:12 13:35 13:30 11:28 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:20 13:21 13 | NA N | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 NA | | FAA | Well Closed Piping disconnected Well Closed |
| 2-VEW-17B | 523-32002 613-32002 6210/3002 6210/3002 6217/3002 71/32002 | 16:20 8:355 10:17 12:34 11:00 14:17 11:48 19:12 13:35 13:35 13:35 13:30 14:28 13:20 14:28 13:20 15:51 13:20 15:51 13:20 15:51 12:45 13:20 15:51 12:45 13:20 15:51 13:20 15:51 13:20 15:51 | NA N | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | NA NA NA NA NA NA NA NA | Well Closed Piping disconnected Well Closed |
| 2-VEW-17B | 523-32002 613-32002 620/32002 620/32002 620/32002 620/32002 74/32002 74/32002 74/32002 74/32002 74/32002 820/32002 821/32002 | 16:20 8:35 10:17 12:34 11:00 14:17 11:48 9:49 10:45 13:50 11:28 9:40 10:45 13:20 15:30 16:20 16:45 16:20 16:45 16:20 16:45 16:20 16:45 16:20 16:45 16:20 16:45 16: | NA N | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | FAA | Well Closed Piping disconnected Well Closed Well Closed Well Closed Well Opened |
| 2-VEW-17B | 523-20002 613-20002 620/2002 620/2002 620/2002 620/2002 620/2002 620/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 7/4/2002 820/2002 821/2002 | 16:20 8:35 10:17 12:34 11:00 14:17 12:34 11:00 14:17 11:48 15:15 15:10 16:20 15:15 16:20 1 | NA N | 6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6. | | PA P | Well Closed Piping disconnected Well Closed Well Closed |

Site Name: BRC Former C-6 Facility Location: Torrance, California System: Building 2 SVE system

| WELL ID | DATE | TIME | FLOW RATE (1) (scfm) | VACUUM (inches of H2O) | FID (ppmv) | WELLHEAD PID (2) (ppmv) | COMMENTS |
|----------|------------|-------|-------------------------|---------------------------|------------|----------------------------|-------------|
| | 10/1/2002 | 15:51 | 73 | 50 | | 28.7 | - |
| | 10/9/2002 | 9:43 | 77.5 | 50 | | 26.3 | - |
| 2-VEW-20 | 8/15/2002 | 15:30 | 65 | 50 | | NA | Well Opened |
| | 8/20/2002 | 11:28 | 74 | 60 | | 33 | |
| | 8/27/2002 | 9:40 | 75 | 58 | | 11 | - |
| | 9/5/2002 | 10:45 | 81 | 61 | | 9 | - |
| | 9/13/2002 | 12:45 | 76 | 58 | | 3.2 | - |
| | 9/19/2002 | 13:20 | NA | 12 | | NA | Well Closed |
| | 9/25/2002 | 7:02 | NA | 14 | | NA | - |
| | 10/1/2002 | 15:51 | NA | 13 | | NA | - |
| | 10/9/2002 | 9:43 | NA | 13 | | NA | - |
| 2-VEW-21 | 9/2.5/2002 | 7:02 | 61.5 | 50 | | 6.8 | Well Opened |
| | 10/1/2002 | 15:51 | 61 | 51 | | 3 | |
| | 10/9/2002 | 9:43 | 70.5 | 50 | | 5.6 | |

Notes:

ppuny: past sper million by volume section standard cubic for oper minute (acfin corrected for vacuum and temperature)

NAs: data was not recorded or available

(1) Direct flow readings taken by hand held TSI Velod-cale Plus

(2) Measurements taken with a MiniRec 2000 PID calibrated to 100 ppuny Hexane, results as Hexane.

* Measurements taken with Fonboro OVA-128 calibrated to Hexane. Results as Hexane.

TABLE 7 - REGRESSION BASED ON UNDILUTED CONCENTRATIONS

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 2 SVE system

| Date | DAYS | Co | Co/Cn | In(Co/Cn) | t (days) | К | t _{90%} | t 99% | Projected 90% Concentration Reduction | Projected 99% Concentration Reduction |
|------------|------|------|-------|-----------|----------|-------|------------------|-------|---|---|
| 12/13/2001 | 1 | 3800 | 1.00 | 0:00 | .0 | | | | | |
| 1/3/2002 | .21 | 930 | 0.24 | -1.41 | -21 | 0.067 | 34.4 | .68.7 | 1/16/2002 | 2/19/2002 |
| 1/18/2002 | .36 | 770 | 0.20 | -1.60 | -36 | 0.044 | 51.9 | 103:8 | 2/2/2002 | 3/26/2002 |
| 2/6/2002 | 55 | 835 | 0.22 | -1.52 | -55 | 0.028 | 83.6 | 167.1 | 3/6/2002 | 5/29/2002 |
| .2/21/2002 | .70 | .800 | 0.21 | -1.56 | -70 | 0.022 | 103.5 | 206.9 | .3/26/2002 | 7/7/2002 |
| 2/27/2002 | 76 | 715 | 0.19 | -1.67 | -76 | 0.022 | 104.8 | 209.5 | 3/27/2002 | 7/10/2002 |
| 3/6/2002 | -83 | 605 | .0.16 | -1.84 | -83 | 0.022 | 104.0 | 208.0 | 3/27/2002 | 7/9/2002 |
| 3/29/2002 | 106 | 274 | 0.07 | -2.63 | -106 | 0.025 | 92.8 | 185.6 | 3/15/2002 | 6/16/2002 |
| 4/4/2002 | 112 | 276 | 0.07 | -2:62 | -112 | 0.023 | 98.4 | 196.7 | 3/21/2002 | 6/27/2002 |
| 4/17/2002 | 125 | 270 | .0.07 | -2.64 | -125 | 0.021 | 108.9 | 217.7 | 3/31/2002 | 7/18/2002 |
| 5/3/2002 | 141 | 178 | .0.05 | -3.06 | -141 | 0.022 | 106.1 | 212.1 | 3/29/2002 | 7/13/2002 |
| 6/4/2002 | 173 | 170 | .0.04 | -3.11 | -173 | 0.018 | 128.2 | 256.4 | 4/20/2002 | 8/26/2002 |
| 7/3/2002 | 202 | 62 | .0.02 | -4.12 | -202 | 0.020 | 113.0 | 226.0 | 4/5/2002 | 7/27/2002 |
| 8/7/2002 | 237 | 41 | 0.01 | -4:52 | -237 | 0.019 | 120.6 | 241.2 | 4/12/2002 | 8/11/2002 |
| 9/5/2002 | 266 | 28 | 0.01 | -4.91 | -266 | 0.018 | 124.8 | 249.6 | 4/16/2002 | 8/19/2002 |
| 10/1/2002 | 292 | 34 | 0.01 | -4.72 | -292 | 0.016 | 142.5 | 284.9 | 5/4/2002 | 9/23/2002 |

| | 90% Reduction | 99% Reduction | | | |
|-----------|---------------|---------------|--|--|--|
| Estimated | April 2002 | July-Aug 2002 | | | |

TABLE 8 - BUILDING 2 SVE SYSTEM EXTENDED PILOT TEST SOIL SAMPLING RESULTS

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 2 SVE system

| PRE-SVE SOIL BORING | SAMPLE DEPTH (FEET BGS) | PRE-SVE TCE CONCENTRATION (ug/kg) | AUGUST 2002 SOIL BORING | SAMPLE DEPTH (FEET BGS) | AUGUST 2002 TCE CONCENTRATION (ug/kg) | LOCATION OF AUGUST 2002 SAMPLE IN RELATION TO PRE-SVE SAMPLE | APPROXIMATE CONCENTRATION REDUCTION (%)* |
|---------------------------|-------------------------------|---|----------------------------|-------------------------------|---|--|--|
| C-2-143 | 25 | 160 | SB1000_SSA080102_0001 | 25 | < 2.0 | 5 feet west | 98.75 |
| C-2-26-1 | 25 | 160 | 2_VEW_19_SSC080102_0001 | 25 | < 2.0 | 35 feet west | 98.75 |
| C-2-26-2 | 25 | 37 | 2_VEW_18_SSC080102_0001 | 25 | < 2.0 | 25 feet west | 94.59 |
| S-24-3 | 40 | 220 | SB1001_SSB080102_0001 | 40 | 380 | 20 feet northeast | ** |
| C-2-143 | 50 | 450 | SB1000_SSC080102_0001 | 50 | 3.6 J | 5 feet west | 99.20 |
| C-2-26-1 | 50 | 200 | 2_VEW_19_SSC080102_0001 | 50 | < 2.0 | 35 feet west | 99.00 |
| C-2-26-2 | 50 | 130 | 2_VEW_18_SSC080102_0001 | 50 | < 2.0 | 25 feet west | 98.46 |
| S-24-3 | 50 | 450 | SB1001_SSC080102_0001 | 50 | 7 | 20 feet north | 98.44 |
| S-24-5 | 50 | 82,000 | SB1001_SSC080102_0002 | 50 | < 2.0 | 10 feet southeast | 100.00 |

| PRE-SVE SOIL BORING | SAMPLE DEPTH (FEET BGS) | PRE-SVE TCE CONCENTRATION (ug/kg) | SEPTEMBER 2002 SOIL BORING | SAMPLE DEPTH (FEET BGS) | SEPTEMBER 2002 TCE CONCENTRATION | LOCATION OF SEPTEMBER 2002 SAMPLE IN RELATION TO PRE-SVE SAMPLE | APPROXIMATE CONCENTRATION REDUCTION (%)* |
|---------------------------|-------------------------------|---|--------------------------------|-------------------------------|--|---|--|
| C-2-26 | 25 | 400 | SB1003_SS A 092302_0001 | 25 | < 2.0 | same | 99.50 |
| C-2-26-1 | 25 | 160 | SB1002_SSA092302_0001 | 25 | < 2.0 | 10 feet northwest | 98.75 |
| C-2-26 | 30 | 140 | SB1003_SSA092302_0001 | 30 | < 2.0 | same | 98.57 |
| S-24-3 | 30 | ND | SB1004_SSA092302_0001 | 30 | < 2.0 | 10 feet northwest | NA |
| C-2-26 | 40 | 290 | SB1003_SSA092302_0001 | 40 | < 2.0 | same | 99.31 |
| C-2-26-1 | 40 | ND | SB1002_SSA092302_0001 | 40 | < 2.0 | 10 feet northwest | NA |
| S-24-3 | 40 | 220 | SB1004_SSA092302_0001 | 40 | < 2.0 | 10 feet northwest | 99.09 |
| C-2-26 | 50 | 240 | SB1003_SSA092302_0001 | 40 | 27 | same | 88.75 |
| C-2-26-1 | 50 | 200 | SB1002_SSA092302_0001 | 40 | 110 | 10 feet northwest | 45.00 |
| S-24-3 | 50 | 450 | SB1004_SSA092302_0001 | 40 | < 2.0 | 10 feet northwest | 99.56 |

Notes:

BGS = Below ground surface

ug/kg = Micrograms per kilogram

J = Result is below laboratory reporting limit, result estimated.

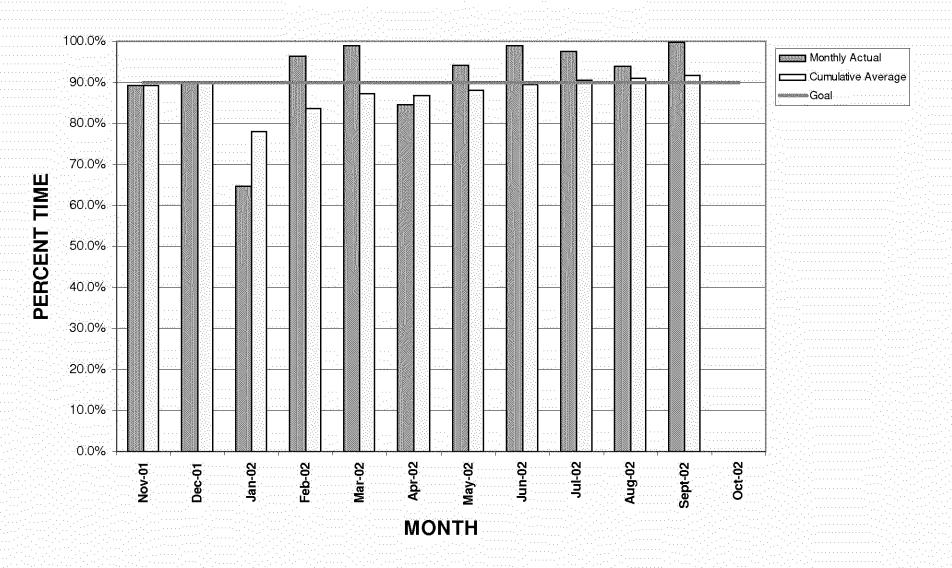
< 2.0 = Not detected above method detection limit of 2.0 ug/kg

NA = Not applicable

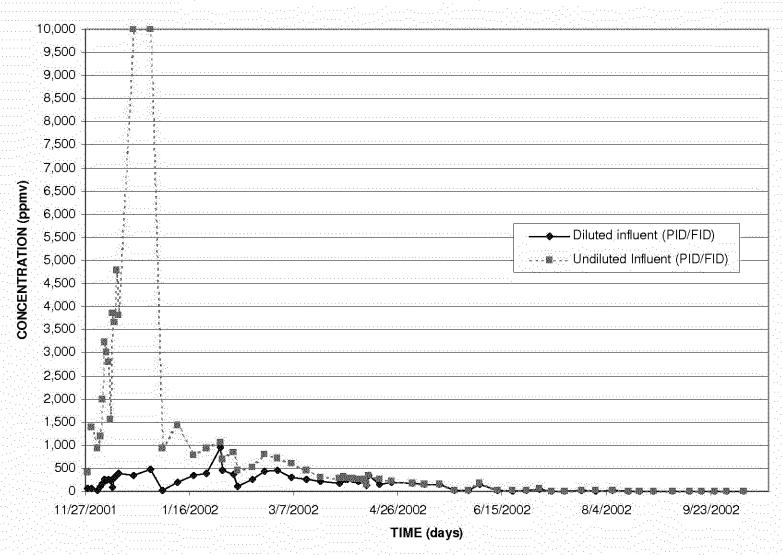
^{* =} To calculate % reduction for samples below method detection limit, the concentration is assumed to be the method detection limit $(2.0 \, \text{ug/kg})$

^{** =} August 2002 TCE sample result (SB1001) greater than previous sample (S-24-3) collected 20 feet to the southwest

GRAPH 4
BUILDING 2 MONTHLY PERCENT OPERATION



GRAPH 5 BUILDING 2 SVE SYSTEM TOTAL VOC INFLUENT CONCENTRATIONS



GRAPH 6
BUILDING 2 CUMULATIVE VOLATILE ORGANIC COMPOUND MASS REMOVED

